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U.S. Department of Agriculture • Foreign Agricultural Service • Washington, D.C.

foreign agriculture circular

JUL 1 '77

grains

Approved by USDA's Task Force on USSR Grain Situation*

FG 8-77
June 7, 1977

First 1977 Soviet Grain Crop Forecast

Generally favorable weather and soil moisture conditions through May 31 and an increase in seeded area presently indicate a 1977 Soviet grain crop forecast of about 215 million metric tons. This is consonant with the announced target of 213.3 million tons and, if achieved, would be the third largest crop on record. It is currently estimated that the 1977 crop would include 105 million tons of wheat and 95 million tons of coarse grains.

USSR total grain area for harvest in 1977 is likely to be about 130 million hectares, as compared with about 128 million in both 1975 and 1976. Fall-planted wheat, which generally represents about 30 percent of total wheat area, survived the winter much better than a year ago. Spring plantings of small grains reportedly will be approximately equal to that of 1976. Planting of corn for grain, which was about 4.5 million hectares in 1976, is planned at only 3 million for 1977. In total, however, the increase in surviving winter grain area more than offsets the decline in planned corn area.

A winter grain crop considerably larger than the record 63.5 million tons harvested in 1973 seems likely. The area of winter grains to be harvested this year is estimated to be the largest since 1968. Currently, soil moisture conditions are above normal in the major winter grain regions of the USSR; also, it has been reported that heading is occurring about two weeks ahead of normal in parts of the Ukraine. Thus, harvesting on a broad scale could begin in 3-4 weeks.

Meteorological reports from the spring wheat regions of the USSR indicate soil moisture is generally below normal, significantly so in some areas, such as the Upper and Middle Volga and the Southern Urals. Temperatures over most of the spring wheat areas during May averaged 2-3 degrees centigrade above normal, but this probably has had little adverse effect as yet, since the bulk of the seeding was only done during the period May 15-25.

Further reports are planned for issue on or about July 8 and at approximately monthly intervals thereafter for the remainder of the season.

*The following USDA agencies participate as members of the USSR Task Force: Foreign Agricultural Service, Economic Research Service, Agricultural Stabilization and Conservation Service, Agricultural Marketing Service and the Office of the General Sales Manager.

USSR: Area, Yield and Production of Grain, 1971-77

Grain	Area Harvested (million hectares)	Yield (metric tons per hectare)	Production 1/ (million metric tons)
Wheat			
1971	64.0	1.5	98.8
1972	58.5	1.5	86.0
1973	63.0	1.7	109.8
1974	59.7	1.4	83.8
1975	62.0	1.1	66.2
1976	59.5	1.6	96.9
1977 (Forecast)	63.0	1.7	105
Coarse Grains 2/			
1971	46.4	1.6	72.6
1972	53.5	1.4	72.5
1973	55.2	1.8	101.0
1974	59.4	1.7	99.7
1975	58.1	1.1	65.8
1976	60.8	1.9	115.0
1977 (Forecast)	59.5	1.6	95
Total Grain 3/			
1971	117.9	1.5	181.2
1972	120.2	1.4	168.2
1973	126.7	1.8	222.5
1974	127.2	1.5	195.7
1975	127.9	1.1	140.1
1976	127.7	1.8	223.8
1977 (Forecast)	130.0	1.7	215

1/ "Bunker weight" basis; not discounted for excess moisture and foreign material.
2/ Includes rye, barley, oats, corn, sorghum, and millet.
3/ Includes wheat, coarse grains, rice, and miscellaneous grains and pulses.

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grains

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

June 13, 1977 FG-9-77

WORLD GRAIN SITUATION: 1977/78 CROP AND TRADE DEVELOPMENTS

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TOTAL WHEAT AND COARSEGRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 MAY 2	1977/78 JUN 13
EXPORTS 1)						
SELECTED						
EXPORTERS 2)	34.3	43.0	44.2	46.4	48.3	47.9
WEST EUROPE	11.3	12.8	14.2	7.0	11.0	11.0
USSR	5.9	5.0	0.5	3.0	4.0	4.0
OTHERS	6.7	4.4	5.9	5.8	6.6	7.0
TOTAL NON-US	58.2	65.2	64.8	62.2	69.8	70.0
U.S 3)	75.6	62.4	78.0	77.3	68.9	68.9
WORLD TOTAL	133.7	127.6	142.8	139.5	138.7	138.9
IMPORTS						
WEST EUROPE	33.2	32.8	31.0	40.0	36.6	36.0
USSR	11.0	5.2	25.6	10.5	9.0	9.0
JAPAN	19.5	18.5	19.4	20.9	21.7	21.4
EAST EUROPE	9.4	11.1	11.6	14.4	12.4	11.9
OTHERS	60.7	59.9	55.1	53.6	59.0	60.6
WORLD TOTAL	133.7	127.6	142.8	139.5	138.7	138.9
(+ INTRA EC-9)	148.6	139.1	157.6	152.4	151.7	152.4
PRODUCTION 5)6)						
SELECTED						
EXPORTERS 2)	109.1	95.6	105.2	123.1	114.2	113.5
WEST EUROPE	134.8	141.8	130.0	123.7	138.8	137.0
USSR 7)	210.7	183.5	132.0	211.8	200.0	200.0
EAST EUROPE	87.2	91.3	88.0	93.5	93.5	93.6
PRC	91.5	98.0	102.0	105.0	103.0	103.0
OTHERS	165.8	167.2	184.3	196.4	190.9	190.0
TOTAL NON-US	799.1	777.5	741.6	853.5	840.3	837.2
U.S.	233.0	199.3	243.0	251.5	248.4	250.0
WORLD TOTAL	1032.1	976.8	984.6	1105.0	1088.7	1087.2
CONSUMPTION 5)8)						
WEST EUROPE	154.4	156.3	153.4	156.6	160.2	158.7
USSR 7)	200.8	192.8	166.2	202.3	195.0	195.0
PRC	99.1	104.1	104.1	108.9	108.9	109.9
OTHERS	397.9	394.6	408.0	426.3	427.9	430.7
TOTAL NON-US	852.3	847.7	831.7	894.2	892.0	894.3
U.S.	176.1	140.2	153.4	152.7	161.2	162.6
WORLD TOTAL	1028.4	988.0	985.0	1046.9	1053.2	1057.0
END STOCKS 5)9)						
TOTAL						
FOREIGN 10)	94.2	87.0	78.2	112.6	130.2	124.8
USSR: STKS CHG	15.0	-9.0	-9.0	17.0	10.0	10.0
US	31.0	27.1	35.4	59.1	77.7	77.3
WORLD TOTL 10)	125.2	114.1	113.6	171.8	207.6	202.1

1) WHEAT, WHEAT FLOUR, CORN, BARLEY, OATS, SORGHUM AND RYE EXCLUDING PRODUCTS.
2) ARGENTINA, AUSTRALIA, CANADA, BRAZIL, SOUTH AFRICA, AND THAILAND. TRADE FIGURES EXCLUDE SOUTH AFRICAN WHEAT. PRODUCTION FIGURES EXCLUDE BRAZILIAN AND SOUTH AFRICAN WHEAT.
3) ADJUSTED FOR TRANSSHIPMENTS THRUUGH CANADIAN PORTS; EXCLUDES PRODUCTS OTHER THAN FLOUR.
4) In the judgment of reviewing analysts, the likelihood is at least two out of three that final global production will not differ from the current estimate by more than 5 percent. Since global production fluctuations tend to cause global consumption to fluctuate somewhat in the same direction, the range of variability around the global ending stocks forecast is smaller than that around the production forecast in terms of volume; in terms of percentage, the variability of the stocks forecast is greater.
5) WHEAT, RYE, CORN, BARLEY, OATS, SORGHUM, MILLET, AND MIXED GRAINS.
6) PRODUCTION DATA INCLUDE ALL HARVESTS OCCURRING WITHIN THE JULY-JUNE YEAR INDICATED, EXCEPT THAT SMALL GRAIN CROPS FROM THE EARLY HARVESTING NORTHERN HEMISPHERE AREAS ARE "MOVED FORWARD"; I.E., THE MAY 1976 HARVESTS IN AREAS SUCH AS INDIA, NORTH AFRICA, AND SOUTHERN UNITED STATES ARE ACTUALLY INCLUDED IN "1976/77" ACCOUNTING PERIOD WHICH BEGINS JULY 1, 1976.
7) "BUNKER WEIGHT" BASIS; NOT DISCOUNTED FOR EXCESS MOISTURE AND FOREIGN MATERIAL.
8) CONSUMPTION DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS. FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR) CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
9) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA, AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN THE USSR GRAIN STOCKS, BUT DO NOT PURPURT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
10) INCLUSIVE OF SOVIET STOCK CHANGES; SEE FOOTNOTE 9.

* TOTAL SOVIET GRAIN PRODUCTION IS CURRENTLY PROJECTED AT 215 MILLION TONS. THIS FIGURE INCLUDES RICE, PULSES AND OTHER MISCELLANEOUS GRAIN NOT INCLUDED IN THE ABOVE AGGREGATES.

WHEAT AND COARSE GRAINS

The main new developments in the world grain situation since the last report of this series 1/ have been (1) continued large PRC wheat purchases, (2) reduced wheat and barley crop prospects in parts of North Africa and the Middle East due to drought, (3) sharply lowered estimates of wheat import requirements for India in 1977/78, and (4) improved Canadian wheat prospects.

Reports available as of June 10 continue to indicate that despite somewhat lower global crop prospects and higher consumption levels relative to last year, a substantial increase in year-end stocks is still expected, though slightly smaller than initially forecast.

Conditions and Outlook for 1977 Crops

Based on reports available as of June 10, the aggregate forecast for 1977 world wheat and coarse grain crops is 1,087 million tons compared with the initial estimate of 1,089 based on conditions reported as of late April. The Northern Hemisphere winter grain crop, which accounts for roughly one-third of the total world wheat and coarse grain crop, is now nearing maturity and in some areas harvest has begun. On the whole, the winter grain component of the 1977 world grain crop appears to have benefitted from average or above average growing conditions. The main exceptions, are China, North and South Korea, Mexico and several countries surrounding the Mediterranean Sea. In Northern Europe, USSR, India, and USA, which together account for about 70 percent of the Northern Hemisphere winter grain crops, conditions have been generally favorable, with record outturns expected in a number of other areas.

While the Northern Hemisphere winter grain crops are generally good, early prospects for spring-planted crops appear to reflect conditions that, on the whole, are slightly below average thus far. Planting conditions have been favorable in most areas, but there are substantial deficiencies in sub-soil moisture in several areas of the U.S., particularly the north central region, and large portions of the spring wheat

In the judgment of reviewing analysts, the likelihood is at least two out of three that final global production will not differ from the current estimate by more than about 5 percent. Since global production fluctuations tend to cause global consumption to fluctuate somewhat in the same direction, the range of variability around the global ending stocks forecast is smaller than that around the production forecast in terms of volume; in terms of percentage, the variability of the stocks forecast is greater.

1/ Foreign Agriculture Circular FG 6-77, World Grain Situation: Outlook for 1977/78, May 2, 1977.

WORLD WHEAT AND WHEAT FLOUR:
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 MAY 2	1977/78 JUN 13
EXPORTS						
CANADA	11.5	11.2	12.1	12.0	12.5	12.5
AUSTRALIA	5.4	8.2	7.9	8.0	8.5	8.5
ARGENTINA	1.1	2.2	3.2	5.5	4.0	3.3
SUB-TOTAL	18.0	21.6	23.2	25.5	25.0	24.3
WEST EUROPE	5.8	8.3	9.2	5.4	6.5	6.5
USSR	5.0	4.0	0.5	1.0	3.0	3.0
OTHERS	2.7	2.0	1.5	2.3	2.6	3.1
TOTAL NON-US	31.5	35.9	34.4	34.2	37.0	37.0
U.S. 1)	31.1	28.0	31.5	25.4	26.9	26.9
WORLD TOTAL	62.6	63.9	65.9	59.6	63.9	63.9
IMPORTS						
WEST EUROPE	6.4	6.2	6.5	5.1	6.4	6.5
USSR	4.5	2.5	10.1	5.5	5.0	5.0
JAPAN	5.4	5.4	5.9	5.5	5.8	5.6
EAST EUROPE	5.6	4.7	4.9	6.0	5.1	4.8
PRC	5.6	5.7	2.2	4.0	6.0	7.0
OTHERS	35.1	39.5	36.3	33.5	35.5	35.0
WORLD TOTAL	62.6	63.9	65.9	59.6	63.9	63.9
(+ INTRA EC-9)	69.1	68.6	72.4	65.7	70.4	70.4
PRODUCTION 3)						
CANADA	16.2	13.3	17.1	23.5	16.3	16.8
AUSTRALIA	12.0	11.4	12.0	11.8	13.5	13.0
ARGENTINA	6.6	6.0	8.6	11.2	7.0	7.0
WEST EUROPE	50.8	56.7	48.5	50.9	54.3	52.4
USSR 4)	109.8	83.8	66.2	96.9	100.0	105.0
EAST EUROPE	31.5	34.0	28.4	34.7	33.4	33.6
INDIA	24.7	21.8	24.1	28.3	25.5	27.0
OTHERS	73.8	80.5	87.1	97.9	93.5	92.9
TOTAL NON-US	325.2	307.5	292.1	355.2	343.5	347.8
U.S.	46.4	48.9	58.1	58.4	53.5	55.1
WORLD TOTAL	371.6	356.4	350.1	413.6	397.0	402.9
CONSUMPTION 5)						
U.S.	20.4	18.8	19.9	20.6	22.5	23.9
USSR 4)	95.3	93.3	83.8	88.4	93.0	97.0
PRC	40.0	42.7	42.2	47.0	47.0	48.0
OTHERS	207.7	208.1	204.0	217.2	223.9	223.4
WORLD TOTAL	363.5	362.9	349.9	373.2	386.4	392.3
ENDING STOCKS 6) TOTAL						
FOREIGN 7)	59.9	50.9	44.7	73.1	80.4	79.7
USSR: STKS CHG	14.0	-11.0	-8.0	13.0	9.0	10.0
U.S.	9.2	11.7	18.1	30.1	34.5	34.1
WORLD TOTAL 7)	69.1	62.6	62.8	103.2	114.9	113.8

1) ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADIAN PORTS; EXCLUDES PRODUCTS OTHER THAN FLOUR.
2) PROJECTIONS INCLUDED FOR THE U.S. IN THIS TABLE FOR 1977/78 REPRESENT THE LEVELS BELIEVED "MOST LIKELY"; OCCURRENCE OF PARTICULARLY FAVORABLE OR UN-FAVORABLE WEATHER CONDITIONS WOULD LIKELY RESULT IN SUBSTANTIALLY DIFFERENT OUTTURNS, AS INDICATED BY THE FORECASTS UNDER ALTERNATIVES I AND II IN THE LATEST AGRICULTURAL SUPPLY-DEMAND ESTIMATES REPORT.
3) PRODUCTION DATA INCLUDE ALL HARVESTS OCCURRING WITHIN THE JULY-JUNE YEAR SHOWN, EXCEPT THAT SMALL GRAIN CROPS FOR THE EARLY HARVESTING NORTHERN HEMISPHERE AREAS ARE "MOVED FORWARD"; I.E., THE MAY 1976 HARVESTS IN AREAS SUCH AS INDIA, NORTH AFRICA, AND SOUTHERN UNITED STATES ARE ACTUALLY INCLUDED IN "1976/77" ACCOUNTING PERIOD WHICH BEGINS JULY 1, 1976.
4) "BUNKER WEIGHT" BASIS; NOT DISCOUNTED FOR EXCESS MOISTURE AND FOREIGN MATERIAL.
5) CONSUMPTION DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS. FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, (EXCLUDING THE USSR) CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
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7) INCLUSIVE OF SOVIET STOCK CHANGES; SEE FOOTNOTE 6.

WORLD COARSE GRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 MAY 2	1977/78 JUN 13
EXPORTS 1)						
CANADA	2.9	2.8	4.9	4.7	4.4	4.4
AUSTRALIA	1.9	2.9	3.2	3.2	3.8	3.8
ARGENTINA	8.4	8.5	5.3	8.0	7.6	8.4
S. AFRICA	0.5	3.5	3.3	1.5	2.7	2.8
THAILAND	2.3	2.2	2.6	2.1	2.7	2.7
BRAZIL	0.4	1.5	1.7	1.3	1.9	1.5
SUB-TOTAL	16.3	21.4	21.0	20.9	23.3	23.6
WEST EUROPE	5.5	4.5	4.9	1.6	4.5	4.5
USSR	0.9	1.0	0.0	2.0	1.0	1.0
OTHERS	4.0	2.4	4.5	3.6	4.0	3.9
TOTAL NON-US	26.7	29.4	30.4	28.1	32.8	33.0
U.S. 2)	44.5	34.3	46.5	51.8	42.0	42.0
WORLD TOTAL	71.1	63.7	76.9	79.9	74.8	75.0
IMPORTS						
WEST EUROPE	26.8	26.7	24.5	34.9	30.1	29.6
USSR	6.5	2.7	15.5	5.0	4.0	4.0
JAPAN	14.1	13.1	13.5	15.4	15.9	15.7
EAST EUROPE	3.8	6.4	6.7	8.4	7.3	7.1
OTHERS	20.0	14.8	16.6	16.1	17.5	18.6
WORLD TOTAL	71.1	63.7	76.9	79.9	74.8	75.0
(+ INTRA EC-9)	79.5	70.5	85.2	86.7	81.3	82.0
PRODUCTION 4) 5)						
CANADA	20.4	17.4	20.0	21.2	20.1	20.1
AUSTRALIA	4.7	4.5	5.6	5.3	6.6	6.1
ARGENTINA	17.9	13.8	12.4	17.3	16.6	16.6
S. AFRICA	11.9	9.7	7.7	10.1	9.6	9.6
THAILAND	2.5	2.7	3.3	3.0	3.8	3.7
BRAZIL	16.9	16.9	18.5	19.6	20.6	20.6
WEST EUROPE	84.1	85.1	81.5	72.8	84.5	84.6
USSR 6)	101.0	99.7	65.8	115.0	100.0	95.0
EAST EUROPE	55.7	57.3	59.6	58.9	60.1	60.0
OTHERS	158.8	162.9	175.1	175.1	174.9	173.1
TOTAL NON-US	473.9	469.9	449.5	498.3	496.8	489.4
U.S.	186.6	150.5	184.9	193.1	194.9	194.9
WORLD TOTAL	660.5	620.4	634.5	691.4	691.7	684.3
CONSUMPTION 4) 7)						
U.S.	155.6	121.5	133.5	132.1	138.7	138.7
USSR 6)	105.5	99.4	82.4	114.0	102.0	98.0
PRC	59.1	61.4	61.9	61.9	61.9	61.9
OTHERS	344.6	342.8	357.4	365.7	364.0	366.0
WORLD TOTAL	664.9	625.0	635.2	673.7	666.6	664.6
END STOCKS 4) 8)						
TOTAL						
FOREIGN 9)	34.3	36.1	33.5	39.5	49.8	45.1
(USSR: STKS CHG)	1.0	2.0	-1.0	4.0	1.0	0.0
U.S.	21.6	15.4	17.4	29.1	43.2	43.2
WORLD TOTAL 9)	56.2	51.6	50.9	68.6	93.0	88.3

1) CORN, BARLEY, OATS, SORGHUM, AND RYE, EXCLUDING PRODUCTS.
2) ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADIAN PORTS; EXCLUDES PRODUCTS.
3) PROJECTIONS INCLUDED FOR THE U.S. IN THIS TABLE FOR 1977/78 REPRESENT THE LEVELS BELIEVED "MOST LIKELY"; OCCURRENCE OF PARTICULARLY FAVORABLE OR UNFAVORABLE WEATHER CONDITIONS WOULD LIKELY RESULT IN SUBSTANTIALLY DIFFERENT OUTTURNS, AS INDICATED BY THE FORECASTS UNDER ALTERNATIVES I AND II IN THE LATEST AGRICULTURAL SUPPLY-DEMAND ESTIMATES REPORT.
4) RYE, CORN, BARLEY, OATS, SORGHUM, MILLET AND MIXED GRAINS.
5) PRODUCTION DATA INCLUDE ALL HARVESTS OCCURRING WITHIN THE JULY-JUNE YEAR INDICATED, EXCEPT THAT SMALL GRAIN CROPS FROM THE EARLY HARVESTING NORTHERN HEMISPHERE AREAS ARE "MOVED FORWARD" I.E., THE MAY 1976 HARVESTS IN AREAS SUCH AS INDIA, NORTH AFRICA, AND SOUTHERN UNITED STATES ARE ACTUALLY INCLUDED IN "1976/77" ACCOUNTING PERIOD THAT BEGINS JULY 1, 1976.
6) "BUNKER WEIGHT" BASIS: NOT DISCOUNTED FOR EXCESS MOISTURE AND FOREIGN MATERIAL.
7) CONSUMPTION DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS. FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
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producing area of the Soviet Union located east of the Volga River. Timely rains in these regions in the weeks ahead could still bring excellent crops, but in both instances the current situation is one of above average vulnerability to summer drought.

Earlier concerns over Canada's spring grains have mostly disappeared following heavy precipitation during late May and early June throughout Canada's grain producing Provinces. Soil moisture conditions have greatly improved since early spring, and with seeding almost completed, grain crop prospects have improved considerably. Reflecting this, the estimate of Canadian wheat production has been raised 500,000 tons to 16.8 million tons.

In France, and to a lesser extent in other parts of Western Europe, a wet and relatively cold spring has resulted in reduced planting of small grains and increased corn plantings. Grain crop prospects continue to be favorable in Eastern Europe. Winterkill was minimal and spring grains were mostly all sown on schedule. Precipitation and soil moisture through spring were mostly above average in all areas except some areas in Southern Bulgaria and Romania. Conditions there, however, have improved as of late May and early June with the reporting of moderate to heavy rains.

As for the Southern Hemisphere, where planting for wheat and coarse grain crops included with the 1977 global harvest will generally not begin for at least another month or two, indications point toward continued high levels of grain plantings. In Argentina and Brazil, some decline in wheat area is anticipated, but this will probably be offset by larger plantings of other grains. In Australia, meanwhile, some general expansion in planted area is anticipated for all major grains.

Unfavorable weather continues to threaten crops in some major agricultural regions in the PRC. The effects of the drought gripping the North China Plain--China's major winter wheat producing region--may not have been fully overcome by recent light to moderate rains. Unusually severe spring drought has also been reported in Heilungkiang Province, China's leading producer of spring wheat, and may have had some impact on the spring-sown, coarse grains.

Crop prospects in the USSR are on the whole quite good, and a total grain crop of 215 million tons has been forecast by the USDA Task Force on the USSR on the basis of conditions as of June 1. A crop of this magnitude is consistent with the Soviet output plan and if achieved, would be the third largest on record. The forecast includes a wheat crop of 105 million tons and coarse grains at 95 million. Soviet winter grains--notably wheat--have enjoyed particularly good conditions since seeding last fall and a crop considerably above the high of 63.5 million tons harvested in 1973 seems likely.

As of early June, some areas of north Kazkhstan are said to have good to excellent spring crop conditions, in part the result of heavier than usual snowfall last winter. Much of the remainder of the Soviet spring wheat region, however, according to meteorological reports, is somewhat below normal regarding soil moisture. But, since the bulk of the spring wheat was seeded only in the latter part of May, much depends on the weather between now and harvest.

According to meteorological reports, soil moisture is generally below normal in the Soviet spring wheat regions. However, since the bulk of the spring wheat was seeded only in the latter part of May, the effect of the dry soil on the crop to date has been minimal.

Prospects for wheat production in Morocco, Algeria, and Tunisia continue to look bleak despite reports of recent scattered rainfall. The result of the drought which began in early January is likely to be a 40 percent decline in Algeria's 1977 wheat crop, compared to last year, and a 35 percent decline in Morocco's wheat crop to the lowest level in 10 years. Tunisia's grain crops got off to a good start last fall, but the outlook now is for the poorest harvest in six years. Wheat and barley production estimates there have been reduced by 30 percent from planned levels and could go lower. Localized dry conditions have also affected crop prospects in Syria and Jordan.

The barley crop in the Republic of Korea could be some 40 percent below the 1976 level as an unusually cold and dry winter led to heavy winterkill and an estimated 30 percent abandonment of barley-planted area. A cool spring has delayed maturation of the remaining barley and created timing problems for rice transplanting. Most of Korea's winter barley is grown in a double-cropping pattern with rice.

Portugal's seedings of small grains this year were sharply reduced because of almost continuous rains. Widespread root rot caused by the excessively wet soils, and weed infestation will likely cause reduced yields and lead to an expected 60 percent decline in wheat, barley, and oats production.

Wheat production in Italy is expected to fall about 25 percent from last year, to the smallest harvest in nearly 20 years. The crop is generally in good condition, but adverse weather at planting time caused an 18 percent decline in area planted to bread wheat in the north and a 19 percent decline in the acreage planted to durum in the south.

World wheat production for 1977/78 is currently forecast to be 403 million tons, 1.5 percent above the earlier estimate, but 2.4 percent below last year's record outturn. At this early stage, world coarse grain production for 1977/78 is projected to be near last season's record outturn, and no major "troublespots" have arisen, as was the case in the USSR in 1972 and 1975, and in Western Europe in 1976.

Outlook for Wheat Trade

Despite the upward revision in import estimates for China and a few other countries, the current forecast for total world wheat imports for 1977/78 remains unchanged at nearly 64 million metric tons, 4.3 million tons above the 1976/77 level. The main recent development in world wheat trade was the purchase of 3.0 million tons of Canadian wheat by the People's Republic of China for August 1977 through July 1978 delivery. This sale increases PRC purchases to over 6 million tons for delivery in 1977/78 (July-June). Further purchases are expected, at least from Southern Hemisphere origins, to provide additional deliveries in the first half of 1978. At this stage, therefore, China's wheat imports in 1977/78 seem likely to reach about 7.0 million tons.

Increases in 1977/78 import forecasts for other countries have been relatively small. The most significant upward revisions are Pakistan, up 370,000 tons, Morocco, up 150,000 tons, and Indonesia and Syria, which have been increased by over 200,000 and 150,000 tons, respectively. These higher import estimates have been offset by a 1.5 million ton reduction in the import estimate for India and relatively small downward revisions in import estimates for other countries, notably declines of 200,000 tons for Mexico, 150,000 tons for Brazil, and 300,000 tons for Yugoslavia.

Although no significant changes from earlier forecasts are being made at this stage for the major exporting countries, the wheat export estimate for Turkey has been doubled to 1 million tons. Based on large available supplies from the record 1976 harvest and expectations of another record wheat harvest this year, export availability is currently estimated at 2 million tons, but the actual export level may be restricted by limited port and transportation facilities. In the case of Argentina, the export estimate has been revised downward for 1977/78 because of record shipments during the latter part of the current July-June year.

Outlook for Coarse Grain Trade

The current forecast of 1977/78 world coarse grain trade is up only about 100,000 tons from the previous forecast to 74.9 million tons. Poorer crop prospects and therefore larger coarse grain imports are likely in a few scattered countries such as the Republic of Korea, Mexico, and Morocco. Estimates of Venezuelan coarse grain imports for both 1976/77 and 1977/78 have been revised upward to account for expanded demand for food and feed.

On the export side, the major changes since the last report occurred in the Southern Hemisphere exporting countries and in Western Europe. The estimate of Argentina's 1977/78 coarse grain exports is up by 800,000 tons following excellent 1976/77 corn and grain sorghum harvests recently completed. The estimate for 1976/77 exports has also been raised by

500,000 tons, since shipments during the latter part of the current July-June year have been larger than previously anticipated. The estimate of South African coarse grain exports in 1977/78 is also up by 100,000 tons since the last report. However, the estimates of Brazilian coarse grain exports in both 1976/77 and 1977/78 have been reduced by 600,000 tons and 400,000 tons respectively from the previous estimates. Higher domestic corn prices relative to export prices have until recently tended to make Brazilian corn relatively non-competitive in world markets. In May, however, Brazil initiated an export subsidy program which is designed to equalize internal and export prices.

The estimate of U.S. coarse grain exports in July-June 1977/78 is unchanged at 42.0 million tons.

WORLD RICE SITUATION

The 1976 world rice crop is estimated at just under 342 million tons*, down more than 2 million tons from the previous estimate. Revised production estimates for India and Brazil, down 1.8 million tons and .6 million tons respectively, account for the bulk of the reduction. Partially offsetting this decline is an estimated production increase in Thailand. It appears that the outturn of Thailand's main crop last fall and the current spring crop will be larger than earlier estimated.

World rice trade in calendar 1976 is revised upward to a record 8.3 million tons. Trade during the current year is not expected to equal last year's level, but is expected to remain near the 8 million ton level. Calendar 1977 imports are estimated to be reduced from 1976 levels in the EC, Korea, and the Philippines. Decreases are also anticipated for India, Poland, Portugal, and Zaire following larger than normal 1976 import levels.

Rice has moved from Thailand at a record pace thus far this year, but the rate is expected to be lower in the months ahead. The export target initially announced by Thailand for 1977 was 1.1-1.3 million tons for rice, but exports of 1.2 million tons through May 1977 and outstanding commitments indicate likely exports in 1977 of about 1.8 million tons. Commitments to Indonesia account for over one-third of the total export estimate for 1977. Thailand's rapid export expansion in 1976 and continued dominance in Asia this year is the result of increased production levels in 1975 and 1976, aggressive marketing activity in Africa, Asia, and the Mid-East, and sharply reduced competition from the People's Republic of China (PRC).

* All production figures are on a paddy basis; trade and stocks are expressed on a milled basis.

WORLD RICE
PRODUCTION, TRADE AND STOCKS 1)
(IN MILLIONS OF METRIC TONS)

	CY 1974	CY 1975	CY 1976	CY 1977 AS OF MAY 2	CY 1977 AS OF JUN 13
EXPORTS 2)					
AUSTRALIA	0.1	0.2	0.3	0.4	0.4
BURMA	0.2	0.3	0.6	0.6	0.6
ITALY	0.5	0.5	0.4	0.3	0.3
PAKISTAN	0.5	0.4	0.9	0.7	0.7
PRC	2.0	1.4	0.9	0.9	0.7
THAILAND	1.0	1.0	1.9	1.4	1.8
ALL OTHERS	1.9	1.3	1.2	1.5	1.1
TOTAL NON-US	6.2	5.1	6.2	5.8	5.6
U.S.	1.7	2.1	2.0	2.2	2.2
WORLD TOTAL	7.9	7.2	8.3	8.0	7.8
IMPORTS 2)					
BANGLADESH	0.1	0.4	0.2	0.2	0.2
EC-9	0.6	0.6	0.9	0.7	0.7
HONG KONG	0.3	0.3	0.3	0.4	0.4
INDONESIA	1.1	0.7	1.3	1.4	1.4
IRAN	0.3	0.4	0.3	0.4	0.5
KOREA REP OF	0.2	0.4	0.2	0.1	0.1
MALAYSIA, WEST	0.2	0.1	0.2	0.2	0.2
PHILLIPINES	0.2	0.1	0.1	0.1	0.0
SINGAPORE	0.1	0.1	0.2	0.2	0.2
SRI LANKA	0.3	0.4	0.4	0.5	0.5
ALL OTHERS	4.3	3.6	4.2	3.8	3.9
WORLD TOTAL	7.9	7.2	8.3	8.0	8.0

	1973/74	1974/75	1975/76	1976/77	1976/77
PRODUCTION 3)					
BANGLADESH	17.6	17.1	18.9	19.1	18.9
BURMA	8.6	8.6	9.2	9.3	9.3
INDIA	66.1	59.4	74.3	67.1	65.3
INDONESIA	21.5	22.5	22.6	22.8	22.7
JAPAN	15.2	15.4	16.5	14.7	14.7
KOREA REP OF	5.8	6.2	6.5	7.2	7.2
PAKISTAN	3.7	3.5	3.9	3.7	3.7
PRC	112.9	120.0	119.0	118.0	118.0
THAILAND	14.3	14.5	15.2	15.0	15.2
SUB-TOTAL	265.8	267.0	286.0	276.9	275.1
EC-9	1.1	1.1	1.0	1.0	0.9
AUSTRALIA	0.4	0.4	0.4	0.5	0.5
ARGENTINA	0.3	0.4	0.3	0.4	0.3
BRAZIL	6.5	7.0	8.5	7.8	7.2
ALL OTHERS	46.0	49.0	51.4	52.1	52.3
TOTAL NON-US	320.1	324.9	347.7	338.7	336.4
U.S.	4.2	5.1	5.8	5.3	5.3
WORLD TOTAL	324.3	330.0	353.5	344.0	341.7
ENDING STOCKS 4)					
TOTL FOREIGN	12.2	11.7	16.8	14.3	14.4
U.S.	0.3	0.2	1.2	1.5	1.4
WORLD TOTAL	12.5	12.0	18.0	15.8	15.8

1) PRODUCTION IS ON ROUGH BASIS; TRADE AND STOCKS ARE LISTED AS MILLED.
2) TRADE DATA ON CALENDAR YEAR BASIS.
3) THE WORLD RICE HARVEST STRETCHES OVER 6-8 MONTHS. THUS, 1976/77 PRODUCTION REPRESENTS THE CROP HARVESTED IN LATE 1976 AND EARLY 1977 IN THE NORTHERN HEMISPHERE AND THE CROP HARVESTED IN EARLY 1977 IN THE SOUTHERN HEMISPHERE.
4) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERENT LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS BURMA AND THE PEOPLE S REPUBLIC OF CHINA.

In 1976, exports from the PRC are estimated to have been only about 900,000 tons, down from the previous year's estimated 1.4 million tons. Exports in 1977 are currently projected to drop an additional 200,000 tons, but may decline even further unless substantial sales are made to traditional markets such as Indonesia and Malayasia. To date, no such sales can be confirmed although a sale of 50,000 tons to Malayasia has been reported.

Pakistan has not been able to move rice as rapidly as was earlier expected, but exports this year should still be about 700,000 tons, down somewhat from the 912,000 tons shipped in 1976. In spite of a reported carry-over of about 1 million tons of old crop rice, Brazil has reportedly suspended further sales pending a more complete assessment of the situation following this spring's reduced rice outturn. Export commitments for the current April/March marketing year total just over 300,000 tons while those for calendar 1977 total about 400,000 tons.

Although it is rather early in the season to make definitive forecasts for the 1977 world rice crop, initial indications are that production in the major rice growing countries will likely again approach the levels of the past two seasons. The planted areas in countries such as Japan, Korea, Taiwan, Philippines, and Bangladesh are expected to be generally unchanged from last year or perhaps somewhat larger. Favorable weather conditions apparently prevailed for planting in most other Northern Hemisphere producing countries.

The recent timely arrival of monsoon rains in India this month should help the Indian rice prospects since the main rice crop there is heavily dependent on the amount of precipitation received during the months of June through September.

U.S. rice production in 1977 is projected between 4.42 and 4.57 million tons as compared to the latest 1976 estimate of 5.31 million tons, and a 1975 crop of 5.80 million tons.

WORLD TOTAL GRAIN AREA 1)
(HARVESTED)
(IN MILLIONS OF HECTARES)

	1960 - 1972		1973	1974	1975	1976 2)	1977 3)
	HIGH (1968)	LOW (1961)					
SELECTED EXPORTERS 4)	0.0	0.0	24.5	23.3	50.6	54.6	54.6
USSR	0.0	0.0	63.0	59.7	120.1	120.3	122.5
PRC	0.0	0.0	26.5	27.2	78.4	78.6	78.6
WEST EUROPE	0.0	0.0	16.2	16.7	40.6	40.8	40.4
EAST EUROPE	0.0	0.0	10.3	10.6	29.6	29.5	30.0
BRAZIL	0.0	0.0	1.8	2.3	14.6	15.7	16.1
INDIA	0.0	0.0	19.5	18.6	61.8	62.9	62.8
OTHERS	0.0	0.0	32.9	35.6	114.4	116.5	115.5
TOTAL NON-US	0.0	0.0	194.7	194.0	510.0	518.9	520.4
UNITED STATES	0.0	0.0	21.8	26.5	71.0	72.2	71.1
WORLD TOTAL	0.0	0.0	216.5	220.5	581.1	591.1	591.6

TOTAL GRAIN YIELDS 1)
(BASED ON HARVESTED AREA)
(IN METRIC TONS PER HECTARE)

	1973	1974	1975	1976 2)	1977 3)
SELECTED EXPORTERS 4)	1.49	1.38	1.75	1.93	1.74
USSR	1.74	1.40	1.10	1.76	1.63
PRC	1.30	1.36	1.30	1.34	1.31
WEST EUROPE	3.14	3.39	3.20	3.03	3.40
EAST EUROPE	3.05	3.22	2.97	3.17	3.12
BRAZIL	1.06	1.22	1.37	1.44	1.50
INDIA	1.27	1.17	0.87	0.90	0.86
OTHERS	1.08	1.10	1.11	1.16	1.13
TOTAL NON-US	1.67	1.59	1.45	1.64	1.61
UNITED STATES	2.13	1.84	3.42	3.48	3.51
WORLD TOTAL	1.72	1.62	1.69	1.87	1.84

1) EXCLUDES RICE.
2) PRELIMINARY.
3) PROJECTION BASED ON CONDITIONS TO DATE.
4) ARGENTINA, AUSTRALIA, CANADA, SOUTH AFRICA AND THAILAND.

WORLD WHEAT AND FLOUR TRADE
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	14.9	14.8	8.9	8.7	9.0	11.5	13.7	15.6	11.5	11.2	12.1	12.0	12.5
AUSTRALIA	5.6	6.9	7.0	5.4	7.4	9.5	8.7	5.6	5.4	8.2	7.9	8.0	8.5
ARGENTINA	7.9	3.1	1.4	2.7	2.1	1.6	1.3	3.4	1.1	2.2	3.2	5.5	3.3
SUB-TOTAL	28.4	24.9	17.3	16.8	18.4	22.7	23.7	24.6	18.0	21.6	23.2	25.5	24.3
WEST EUROPE	5.0	4.6	5.3	5.1	7.0	3.7	4.5	6.8	5.8	8.3	9.2	5.4	6.5
EAST EUROPE	0.9	1.7	2.3	2.6	1.3	0.9	0.9	0.9	2.0	1.7	1.2	1.5	1.7
USSR	2.8	4.4	5.3	5.8	6.4	7.2	5.8	1.3	5.0	4.0	0.5	1.0	3.0
OTHERS	1.2	0.7	0.6	0.6	0.8	0.3	0.6	1.9	0.7	0.3	0.5	0.8	1.5
TOTAL NON-US	38.1	36.2	30.9	30.4	33.9	34.8	35.5	35.6	31.6	35.9	34.4	34.2	37.0
UNITED STATES	23.4	20.0	20.2	14.7	16.5	19.9	16.9	31.8	31.1	28.0	31.5	25.4	26.9
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	65.9	59.6	63.9
IMPORTS													
JAPAN	3.5	4.3	4.[illegible]	4.2	4.4	4.8	5.[illegible]	5.5	5.4	5.4	5.9	5.5	5.6
WEST EUROPE	9.9	9.7	9.8	8.6	8.6	11.0	7.9	8.1	6.4	6.1	5.5	5.1	6.5
EAST EUROPE	7.2	5.4	4.9	4.3	4.7	6.7	5.2	4.6	5.6	4.1	4.9	6.0	4.8
USSR	8.5	3.1	1.5	0.2	1.1	0.5	3.5	15.6	4.5	2.5	10.1	5.5	5.0
PRC	6.3	5.0	4.2	3.5	5.1	3.7	3.0	5.3	5.6	5.7	2.2	4.0	7.0
SUB-TOTAL	35.5	27.4	22.4	20.8	24.0	26.7	24.6	39.1	27.6	24.4	29.6	26.1	28.9
AFRICA 1)	3.7	5.2	5.4	3.7	3.9	5.1	5.2	5.1	6.9	7.1	7.9	7.4	9.2
L. AMERICA 2)	3.9	4.6	5.1	4.3	3.9	3.9	4.4	6.2	6.4	5.1	6.2	6.6	6.2
WEST ASIA 3)	1.2	2.6	1.7	1.8	2.4	2.8	4.6	2.0	3.3	4.8	3.1	3.0	3.4
SOUTH ASIA 4)	9.1	9.1	9.3	5.4	5.4	4.4	4.8	5.8	7.5	10.8	10.8	6.2	3.9
OTHER ASIA 5)	1.5	1.4	1.9	2.3	2.8	3.[illegible]	3.1	3.6	2.9	2.7	2.5	3.2	3.4
OTHERS	6.4	6.4	5.3	6.6	8.0	8.9	5.7	6.0	8.2	8.9	5.7	7.7	9.0
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	65.9	59.6	63.9

1) ALGERIA, EGYPT, LIBYA, MOROCCO, NIGERIA, SUDAN AND TUNISIA.
2) MEXICO, BRAZIL, CHILE, COLOMBIA, PERU AND VENEZUELA.
3) IRAN, IRAQ, ISRAEL, JORDAN, LEBANON, SAUDI ARABIA, SYRIA AND TURKEY.
4) BANGLADESH, INDIA, INDONESIA, PAKISTAN AND SRI LANKA.
5) REP. OF KOREA, PHILIPPINES AND TAIWAN.

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
DATA EXCLUDE INTRA EC-9 TRADE; U.S. DATA ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WHEAT AND WHEAT FLOUR
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
ALGERIA	401	934	664	700	275	646	885	646	1,585	1,500	1,500	750	1,200
EGYPT	2,344	2,498	2,782	1,940	2,220	2,527	2,670	3,040	3,180	3,490	3,800	4,100	4,400
LIBYA	149	157	184	215	208	234	274	240	288	300	310	310	350
MOROCCO	359	1,012	960	264	255	645	653	461	1,040	1,105	1,235	1,000	1,500
NIGERIA	140	170	130	144	244	385	350	397	326	342	517	700	900
SUDAN	148	209	215	196	119	244	143	93	182	120	203	200	250
TUNISIA	199	256	433	263	539	381	229	237	290	285	301	300	600
SUB-TOTAL	3,740	5,236	5,368	3,722	3,860	5,062	5,204	5,114	6,891	7,142	7,866	7,360	9,200
WEST HEMISPHERE													
MEXICO	7	1	1	1	49	5	409	650	790	832	1	0	700
BRAZIL	2,321	2,637	3,029	2,384	2,070	1,795	1,603	2,942	2,682	1,728	3,705	3,300	2,750
CHILE	311	641	462	350	196	465	540	910	1,126	768	788	700	700
COLOMBIA	236	199	273	256	217	350	446	278	472	339	339	379	390
PERU	501	550	624	564	635	658	663	825	744	858	743	850	850
VENEZUELA	556	591	698	771	753	594	773	635	599	540	671	740	780
SUB-TOTAL	3,932	4,619	5,087	4,326	3,920	3,867	4,434	6,240	6,413	5,065	6,247	5,969	6,170
ASIA													
IRAN	143	220	51	1	1	103	1,116	736	600	1,650	975	1,000	1,150
IRAQ	6	126	315	70	87	156	889	13	549	750	500	400	500
ISRAEL	233	269	282	425	470	475	438	282	363	350	492	458	330
JORDAN	126	172	114	148	125	127	123	181	193	170	200	255	245
LEBANON	260	336	399	289	297	436	448	265	404	298	360	350	375
SAUDI ARABIA	200	240	182	140	290	320	350	310	317	350	350	350	350
SYRIA	70	345	283	193	251	612	698	215	233	191	222	235	430
TURKEY	132	258	45	551	881	568	555	27	607	1,018	20	0	0
SUB-TOTAL	1,170	1,966	1,671	1,817	2,402	2,797	4,617	2,029	3,266	4,777	3,119	3,048	3,380
BANGLADESH	0	0	0	0	0	0	1,071	2,176	1,608	2,057	1,650	480	800
INDIA	7,645	6,576	6,533	3,801	3,039	2,309	1,609	1,014	3,644	5,656	6,660	3,700	500
INDONESIA	20	40	170	335	685	455	487	686	576	846	835	1,100	1,200
PAKISTAN	1,236	1,759	2,131	756	1,085	1,075	1,027	1,359	999	1,574	1,025	373	600
SRI LANKA	238	742	513	558	563	576	610	561	668	700	638	526	792
SUB-TOTAL	9,139	9,117	9,347	5,450	5,372	4,415	4,804	5,796	7,495	10,833	10,808	6,179	3,892
REP. OF KOREA	600	654	859	1,117	1,670	1,750	1,848	1,779	1,627	1,577	1,445	1,800	1,950
PHILIPPINES	502	494	653	588	560	568	689	613	524	503	550	825	800
TAIWAN	384	264	406	575	580	687	541	657	705	626	527	600	620
SUB-TOTAL	1,486	1,412	1,918	2,280	2,810	3,005	3,078	3,049	2,856	2,706	2,522	3,225	3,370
TOTAL	19,467	22,350	23,391	17,595	18,364	19,146	22,137	22,228	26,921	30,523	30,562	25,781	26,012

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
YEARS BEGINNING JULY 1

WORLD COARSEGRAIN TRADE 1)
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	1.2	1.3	1.2	0.6	1.4	4.2	4.6	4.2	2.9	2.8	4.9	4.7	4.4
AUSTRALIA	0.5	0.9	0.4	0.9	0.9	2.2	3.2	1.6	1.9	2.9	3.2	3.2	3.8
ARGENTINA	3.8	6.5	4.0	5.6	5.0	7.6	6.2	4.2	8.4	8.5	5.3	8.0	8.4
S. AFRICA	1.6	1.9	3.3	2.4	1.1	1.1	3.1	3.3	0.5	3.5	3.3	1.5	2.8
THAILAND	1.2	1.3	1.3	1.3	1.6	1.8	2.3	1.1	2.3	2.2	2.6	2.1	2.7
BRAZIL	0.6	0.6	0.7	1.2	0.6	2.0	0.6	0.5	0.4	1.5	1.7	1.3	1.5
SUB-TOTAL	7.9	11.5	10.9	12.0	11.6	18.9	19.9	15.0	16.3	21.4	21.6	20.9	23.6
WEST EUROPE	2.2	2.5	2.7	3.2	4.1	4.1	5.2	5.1	5.5	4.5	4.9	1.6	4.5
EAST EUROPE	1.2	1.7	2.0	1.5	1.4	1.5	0.6	1.4	2.5	1.2	2.9	1.5	1.8
USSR	2.2	0.8	1.0	1.1	1.1	1.1	0.9	0.4	0.9	1.0	0.0	2.0	1.0
OTHERS	2.9	2.2	2.3	2.8	1.8	1.3	1.3	1.8	1.5	1.2	1.6	2.0	2.0
TOTAL NON-US	16.4	18.9	18.9	20.6	19.9	26.9	28.0	23.8	26.7	29.4	30.4	28.1	33.0
UNITED STATES	25.4	20.9	19.7	16.0	19.2	19.4	20.8	35.6	44.5	34.3	46.5	51.8	42.0
WORLD TOTAL	41.6	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.9	79.9	75.0
IMPORTS													
JAPAN	5.2	7.2	7.7	8.5	10.0	10.5	10.3	12.0	14.1	13.1	13.5	15.4	15.7
WEST EUROPE	25.3	24.6	22.9	19.6	19.5	24.1	20.4	22.0	26.8	26.7	24.5	34.9	29.6
EAST EUROPE	3.9	2.0	2.5	2.7	2.9	3.6	4.9	5.1	3.8	6.4	6.7	8.4	7.1
USSR	0.6	0.2	0.4	0.5	0.1	0.3	4.3	6.9	6.5	2.7	15.5	5.0	4.0
PRC	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.8	2.1	0.5	0.0	0.0	0.0
SUB-TOTAL	34.5	33.4	33.6	31.3	32.5	38.4	40.4	46.9	53.2	49.5	60.2	63.8	56.4
AFRICA 2)	0.4	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.0	1.1	1.4
L. AMERICA 3)	0.2	0.2	0.2	0.5	0.8	1.3	0.7	1.8	2.8	3.6	2.6	2.6	2.7
ASIA 4)	2.1	3.3	2.9	1.8	2.4	2.6	4.1	4.8	5.0	4.9	5.8	5.7	6.9
OTHERS	4.7	2.7	1.6	2.8	3.1	3.6	3.3	5.4	9.2	4.7	7.2	6.7	7.6
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.9	79.9	75.0

1) CORN, SORGHUM, BARLEY, OATS AND RYE.
2) EGYPT, LIBYA, TANZANIA AND ZAIRE.
3) CHILE, MEXICO AND VENEZUELA.
4) HONGKONG, INDIA, IRAN, IRAQ, ISRAEL, REP. OF KOREA, PHILIPPINES, LEBANON, MALAYSIA AND TAIWAN.

NOTE: DATA EXCLUDE PRODUCTS; INTRA EC-9 TRADE EXCLUDED; ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WORLD COARSEGRAIN TRADE 1)
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
EGYPT	256	114	269	15	64	76	48	130	450	460	500	700	900
LIBYA	17	19	53	48	74	151	121	143	74	125	125	125	125
TANZANIA	15	7	4	0	47	0	43	114	161	291	200	56	100
ZAIRE	72	81	38	95	60	85	95	85	150	180	200	232	260
SUB-TOTAL	360	221	364	158	245	312	307	472	835	1,056	1,025	1,113	1,385
WEST HEMISPHERE													
MEXICO	146	77	114	52	439	571	118	873	1,909	2,806	1,992	1,511	1,680
CHILE	40	68	134	212	250	352	275	318	146	132	10	50	40
VENEZUELA	34	25	1	232	117	392	278	629	743	670	639	1,030	1,000
SUB-TOTAL	220	170	249	496	806	1,315	671	1,820	2,798	3,608	2,641	2,591	2,720
ASIA													
HONG KONG	96	86	117	141	176	158	163	137	150	160	160	160	150
IRAN	5	1	33	71	24	23	276	105	200	415	500	680	800
IRAQ	0	0	0	0	1	1	250	0	0	0	0	30	0
ISRAEL	444	636	647	582	792	735	828	923	968	1,125	1,101	1,087	1,115
LEBANON	141	96	154	110	138	136	213	165	143	170	145	145	175
INDIA	1,163	2,237	1,314	56	314	16	23	480	1,055	446	721	0	0
REP. OF KOREA	112	30	225	296	251	414	624	884	699	998	724	1,400	2,100
MALAYSIA	52	63	68	102	124	169	197	256	229	237	244	254	250
PHILIPPINES	22	37	14	22	11	30	166	116	90	159	54	141	150
TAIWAN	63	83	264	442	580	678	1,353	1,691	1,510	1,195	2,122	1,800	2,200
SUB-TOTAL	2,098	3,269	2,856	1,824	2,411	2,560	4,093	4,757	5,044	4,905	5,771	5,697	6,940
TOTAL	2,678	3,660	3,469	2,478	3,462	4,187	5,071	7,049	8,677	9,569	9,437	9,401	11,045

1) CORN, SORGHUM, BARLEY, OATS AND RYE.

NOTE: DATA EXCLUDE PRODUCTS; TRADE YEARS BEGINNING JULY 1

WHEAT: SUPPLY AND DISAPPEARANCE
CANADA, AUSTRALIA AND ARGENTINA

	AREA	YIELD	PRODUCTION	DOMESTIC USE	EXPORTS 1) JULY-JUNE	EXPORTS 1) MRKT YEAR	END STOCKS 2) MRKT YEAR
			CANADA (MARKETING YEAR AUG/JULY)				
AVERAGE							
1955/56-1959/60	9,187	1.38	12,672	4,329	7,660	7,995	17,141
1960/61-1964/65	10,841	1.35	14,651	4,064	11,034	11,062	13,385
1967/68.....	12,190	1.32	16,137	4,250	8,921	9,145	18,303
1968/69 3).....	11,908	1.49	17,689	4,486	8,710	8,323	23,183
1969/70 3).....	10,102	1.81	18,267	4,568	8,991	9,430	27,452
1970/71 3)	5,052	1.79	9,024	4,650	11,544	11,846	19,980
1971/72.....	7,854	1.83	14,412	4,795	13,723	13,710	15,887
1972/73.....	8,640	1.68	14,514	4,764	15,627	15,692	9,945
1973/74.....	9,575	1.69	16,159	4,601	11,487	11,414	10,089
1974/75.....	8,935	1.49	13,295	4,607	11,186	10,739	8,038
1975/76.....	9,479	1.80	17,078	4,827	12,139	12,254	8,035
1976/77 4).....	11,141	2.11	23,523	4,875	12,000	12,000	14,683
1977/78 5).....	10,000	1.68	16,800	4,983	12,500	12,500	14,000
			AUSTRALIA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,006	1.14	4,572	1,960	2,616	2,803	1,470
1960/61-1964/65	6,396	1.30	8,298	2,124	6,045	6,372	599
1967/68.....	9,082	0.83	7,547	2,672	7,044	5,654	1,737
1968/69.....	10,846	1.36	14,804	2,584	5,380	6,371	7,586
1969/70.....	9,486	1.11	10,546	2,540	7,374	8,047	7,545
1970/71.....	6,479	1.22	7,890	2,625	9,516	9,145	3,665
1971/72.....	7,138	1.21	8,606	2,899	8,670	7,788	1,584
1972/73.....	7,604	0.87	6,590	3,300	5,614	4,309	565
1973/74.....	8,948	1.34	11,987	3,781	5,432	6,789	1,982
1974/75.....	8,308	1.37	11,357	3,025	8,241	8,526	1,788
1975/76.....	8,555	1.41	12,024	2,764	7,871	8,229	2,819
1976/77 4).....	8,777	1.34	11,800	2,925	8,000	8,500	3,194
1977/78 5).....	9,650	1.35	13,000	3,050	8,500	8,500	4,644
			ARGENTINA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,695	1.31	6,151	3,865	2,573	2,477	1,360
1960/61-1964/65	4,720	1.52	7,165	3,647	2,642	3,071	1,415
1967/68 6).....	5,812	1.26	7,320	4,393	1,379	2,199	1,008
1968/69 7).....	5,837	0.98	5,740	3,794	2,742	2,494	850
1969/70.....	5,191	1.35	7,020	4,768	2,082	2,322	780
1970/71.....	3,701	1.33	4,920	4,056	1,625	969	675
1971/72.....	4,315	1.32	5,680	4,356	1,339	1,629	370
1972/73 8).....	4,965	1.39	6,900	4,261	3,352	3,193	269
1973/74.....	3,958	1.66	6,560	4,221	1,106	1,582	1,026
1974/75.....	4,233	1.41	5,970	4,470	2,165	1,784	742
1975/76.....	5,270	1.63	8,570	5,382	3,188	3,160	742
1976/77 4).....	6,385	1.75	11,200	4,692	5,500	6,000	1,250
1977/78 5).....	4,500	1.56	7,000	4,650	3,300	3,200	400
			TOTAL ABOVE THREE COUNTRIES				
AVERAGE							
1955/56-1959/60	17,888	1.31	23,395	10,154	13,051	13,275	19,971
1960/61-1964/65	21,957	1.37	30,114	9,835	19,721	20,505	15,399
1967/68.....	27,084	1.14	31,004	11,315	17,344	16,998	21,048
1968/69.....	28,591	1.34	38,233	10,864	16,832	17,188	31,619
1969/70.....	24,779	1.45	35,833	11,876	18,447	19,799	35,777
1970/71.....	15,232	1.43	21,834	11,331	23,791	21,960	24,320
1971/72.....	19,307	1.49	28,698	12,050	25,834	23,129	17,841
1972/73.....	21,209	1.32	28,004	12,325	24,593	23,194	10,779
1973/74.....	22,481	1.54	34,706	12,603	18,025	19,785	13,097
1974/75.....	21,476	1.43	30,622	12,102	21,592	21,049	10,568
1975/76.....	23,304	1.62	37,672	12,973	23,198	23,643	11,596
1976/77 4).....	26,303	1.77	46,523	12,492	25,500	26,500	19,127
1977/78 5).....	24,150	1.52	36,800	12,683	24,300	24,200	19,044

1) INCLUDES THE WHEAT EQUIVALENT OF FLOUR.
2) NET CHANGES IN FARM STOCKS FOR AUSTRALIA AND ARGENTINA ARE REFLECTED IN DOMESTIC DISAPPEARANCE.
3) IMPORTS OF 1 NEEDED TO BALANCE S&D.
4) PRELIMINARY.
5) PROJECTION.
6) IMPORTS OF 35 NEEDED TO BALANCE S&D.
7) IMPORTS OF 390 NEEDED TO BALANCE S&D.
8) IMPORTS OF 453 NEEDED TO BALANCE S&D.

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC CONSUMPTION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			CORN (APRIL-MARCH)					
ARGENTINA								
(66)1967/68...	3,450	2.32	8,000	3,828	3,186	2,503	4,153	33
(67)1968/69 1)	3,378	1.94	6,560	3,134	3,968	4,381	3,448	12
(68)1969/70...	3,556	1.93	6,860	3,124	4,346	4,673	3,740	8
(69)1970/71...	4,017	2.33	9,360	3,840	5,333	5,682	5,510	18
(70)1971/72 1)	4,066	2.44	9,930	2,817	4,801	3,792	6,436	696
(71)1972/73 1)	3,147	1.86	5,860	3,981	2,832	3,913	2,040	536
(72)1973/74...	3,565	2.52	9,000	3,892	5,105	5,195	5,066	578
(73)1974/75...	3,486	2.84	9,900	4,615	5,831	4,827	5,399	464
(74)1975/76...	3,070	2.51	7,700	3,897	2,593	2,674	3,517	750
(75)1976/77...	2,766	2.12	5,855	3,262	3,600	4,000	3,238	105
(76)1977/78 2)	2,700	3.15	8,500	4,000	4,250	4,000	4,500	105
(77)1978/79 3)	3,300	2.42	8,000	4,200			3,500	405
			CORN (MAY-APRIL)					
SOUTH AFRICA								
(66)1967/68...	4,589	2.13	9,762	4,471	3,107	3,447	2,899	3,074
(67)1968/69...	4,728	1.12	5,316	4,885	2,168	1,415	2,671	834
(68)1969/70 4)	4,387	1.22	5,340	5,008	1,096	1,511	796	873
(69)1970/71 5)	4,217	1.45	6,132	5,159	915	1,133	1,104	751
(70)1971/72 6)	4,402	1.95	8,600	5,173	2,829	2,912	2,555	1,625
(71)1972/73...	4,578	2.07	9,483	5,540	3,181	2,240	3,562	2,006
(72)1973/74...	3,611	1.15	4,160	5,544	371	1,230	157	465
(73)1974/75...	4,463	2.49	11,105	6,343	3,324	3,290	3,209	2,018
(74)1975/76...	4,488	2.03	9,131	6,351	3,196	2,758	3,234	1,564
(75)1976/77...	4,548	1.61	7,312	6,553	1,470	1,800	1,487	836
(76)1977/78 2)	4,453	2.16	9,622	6,658	2,750	2,800	2,900	900
(77)1978/79 3)	4,500	2.00	9,000	6,500			3,000	400
			CORN (JULY-JUNE)					
THAILAND								
(67)1967/68...	598	2.20	1,315	55	1,214	1,291	1,214	54
(68)1968/69...	606	2.49	1,507	104	1,289	1,298	1,289	168
(69)1969/70...	690	2.46	1,700	176	1,502	1,680	1,502	190
(70)1970/71...	749	2.59	1,938	220	1,663	1,470	1,663	245
(71)1971/72...	824	2.79	2,300	280	2,111	2,045	2,111	154
(72)1972/73...	997	1.32	1,320	300	1,039	1,505	1,039	135
(73)1973/74...	1,044	2.25	2,350	341	2,131	2,138	2,131	13
(74)1974/75...	1,082	2.26	2,450	450	1,979	1,947	1,979	34
(75)1975/76...	1,336	2.25	3,000	560	2,386	2,411	2,386	88
(76)1976/77 2)	1,400	1.93	2,700	700	2,000	2,100	2,000	88
(77)1977/78 3)	1,550	2.26	3,500	950	2,500	2,500	2,500	138
			GRAIN SORGHUM (APRIL-MARCH)					
ARGENTINA								
(66)1967/68 6)	764	1.81	1,380	980	409	413	404	11
(67)1968/69 7)	1,083	1.75	1,897	1,088	1,228	1,354	809	14
(68)1969/70 1)	1,302	1.91	2,484	1,136	1,461	1,624	1,354	9
(69)1970/71 1)	1,872	2.04	3,820	2,212	1,960	2,152	1,603	15
(70)1971/72 1)	2,235	2.09	4,660	2,249	1,141	719	2,215	212
(71)1972/73 1)	1,419	1.66	2,360	1,810	1,060	1,766	474	289
(72)1973/74...	2,131	2.16	4,600	2,243	2,776	3,191	2,420	226
(73)1974/75...	2,324	2.54	5,900	2,772	2,494	2,382	2,838	515
(74)1975/76...	1,938	2.49	4,830	2,375	2,612	3,026	2,370	600
(75)1976/77...	1,834	2.76	5,060	2,061	3,850	4,000	3,539	60
(76)1977/78 2)	2,428	2.76	6,700	2,500	3,600	3,800	4,200	60
(77)1978/79 3)	2,900	2.24	6,500	2,600			3,500	460

FEEDGRAINS: S & O
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC CONSUMPTION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			GRAIN SORGHUM (APRIL-MARCH)					
AUSTRALIA								
(66)1967/68...	203	1.57	319	297	19	67	22	
(67)1968/69...	187	1.54	288	208	82	34	80	
(68)1969/70...	210	1.40	294	243	73	263	17	34
(69)1970/71...	359	1.52	547	268	517	862	278	35
(70)1971/72...	552	2.35	1,298	222	990	654	1,087	24
(71)1972/73...	638	1.92	1,228	500	712	703	692	60
(72)1973/74...	697	1.46	1,018	299	797	898	633	146
(73)1974/75...	540	1.96	1,061	115	856	901	984	108
(74)1975/76...	511	1.76	901	89	815	915	897	23
(75)1976/77...	504	2.23	1,124	82	850	1,000	972	93
(76)1977/78 2)	600	2.00	1,200	90	1,100	1,000	1,100	103
(77)1978/79 3)	650	2.00	1,300	220			1,000	183
			BARLEY (DECEMBER-NOVEMBER)					
AUSTRALIA								
(67)1967/68 8)	1,057	0.79	834	776	129	121	1,247	327
(68)1968/69 9)	1,341	1.23	1,646	1,007	451	508	549	450
(69)1969/70 10	1,521	1.12	1,699	976	641	703	684	501
(70)1970/71...	2,000	1.18	2,351	1,132	1,123	1,236	1,231	489
(71)1971/72...	2,535	1.21	3,065	1,422	1,844	1,732	1,770	362
(72)1972/73...	2,140	0.81	1,727	1,183	804	730	676	230
(73)1973/74...	1,894	1.27	2,398	1,249	809	1,056	1,168	211
(74)1974/75...	1,826	1.38	2,515	884	1,749	1,699	1,656	186
(75)1975/76...	2,329	1.37	3,180	913	1,954	2,166	2,175	278
(76)1976/77 2)	2,251	1.29	2,915	910	1,900	1,900	2,030	253
(77)1977/78 3)	2,500	1.40	3,500	950	2,200	2,300	2,500	303
			BARLEY (AUGUST-JULY)					
CANADA								
(67)1967/68...	3,287	1.67	5,505	4,685	1,059	739	838	2,850
(68)1968/69...	3,583	1.98	7,099	5,161	411	457	447	4,341
(69)1969/70...	3,787	2.13	8,084	6,463	1,179	2,014	1,497	4,465
(70)1970/71...	4,004	2.22	8,889	6,351	3,823	3,920	3,862	3,141
(71)1971/72...	5,657	2.32	13,099	7,944	4,174	4,573	4,468	3,828
(72)1972/73...	5,062	2.23	11,285	7,312	3,864	3,321	3,598	4,203
(73)1973/74...	4,839	2.11	10,224	7,306	2,663	2,577	2,583	4,538
(74)1974/75...	4,775	1.84	8,802	6,444	2,668	3,208	2,792	4,104
(75)1975/76...	4,468	2.13	9,520	6,741	4,161	4,152	4,156	2,727
(76)1976/77 2)	4,339	2.37	10,304	6,403	3,900	3,900	3,900	2,728
(77)1977/78 3)	4,999	2.00	10,000	6,253	3,700	3,700	3,700	2,775
			TOTAL OF ABOVE					
TOTAL								
(67)1967/68...	14,318	1.52	21,715	14,831	9,123	8,581	9,188	4,091
(68)1968/69...	14,985	1.68	25,230	15,783	9,597	9,445	8,192	5,883
(69)1969/70...	16,463	1.90	31,342	19,094	10,298	12,470	12,178	5,975
(70)1970/71...	18,008	2.09	37,666	18,164	15,334	16,455	19,049	6,432
(71)1971/72...	18,798	1.99	37,395	21,458	17,890	16,427	15,136	7,235
(72)1972/73...	18,203	1.82	33,110	20,956	13,492	14,178	13,406	5,983
(73)1973/74...	18,590	2.31	42,938	22,742	14,652	16,285	18,312	7,867
(74)1974/75...	17,690	2.05	36,329	20,574	18,901	18,254	16,445	7,261
(75)1975/76...	17,785	1.97	35,051	20,172	17,717	18,102	17,953	4,187
(76)1976/77 2)	18,171	2.31	41,941	21,261	16,948	18,700	20,630	4,237
(77)1977/78 3)	20,399	2.05	41,800	21,673	18,170	20,100	19,700	4,664

1) IMPORTS OF 1 NEEDED TO BALANCE S&D. 2) PRELIMINARY. 3) PROJECTION. 4) IMPORTS OF 503 NEEDED TO BALANCE S&D. 5) IMPORTS OF 9 NEEDED TO BALANCE S&D. 6) IMPORTS OF 2 NEEDED TO BALANCE S&D. 7) IMPORTS OF 3 NEEDED TO BALANCE S&D. 8) IMPORTS OF 16 NEEDED TO BALANCE S&D. 9) IMPORTS OF 33 NEEDED TO BALANCE S&D. 10) IMPORTS OF 12 NEEDED TO BALANCE S&D.

NOTE: YEARS IN PARANTHESES ARE "DESIGNATED PRODUCTION YEARS", USED FOR PURPOSES OF AGGREGATING WORLD CROPS. SEE FOOTNOTE 6 ON PAGE 2. SPLIT YEARS (EG. 1977/78) DENOTE LOCAL MARKETING YEARS.

WESTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	41.4	2.86	118.4	28.1	11.1	17.0	86.3	140.8	-5.4
1970/71	41.4	2.78	115.0	25.3	7.9	27.4	87.7	143.0	-0.6
1971/72	41.5	3.20	132.8	28.4	9.7	18.7	90.3	148.1	3.4
1972/73	41.4	3.21	132.9	30.1	11.9	18.2	94.4	152.3	-1.2
1973/74	41.0	3.29	134.8	48.1	26.2	21.8	96.3	154.4	2.3
1974/75	41.4	3.43	141.8	32.8	12.8	20.0	96.4	156.3	5.5
1975/76	42.6	3.20	130.6	31.0	14.2	16.8	93.4	153.4	-6.5
1976/77 3)	40.8	3.02	123.7	40.0	7.0	33.1	96.7	156.6	0.2
1977/78 4)	40.4	3.40	137.0	36.0	11.0	25.0	93.3	158.7	3.4
WHEAT									
1969/70	17.4	2.60	45.2	8.6	7.0	1.6	13.7	51.2	-4.4
1970/71	17.1	2.56	43.8	11.1	3.8	7.3	14.3	51.7	-0.6
1971/72	17.1	3.00	51.3	8.0	4.5	3.5	13.9	51.6	3.2
1972/73	16.8	3.05	51.3	8.1	6.8	1.3	16.1	53.2	-0.6
1973/74	16.2	3.14	51.8	6.4	5.8	0.6	12.6	49.4	2.0
1974/75	16.7	3.39	56.7	6.2	8.3	-2.1	13.4	51.5	3.0
1975/76	15.4	3.15	48.5	6.5	9.2	-2.7	10.4	48.6	-2.8
1976/77 3)	16.5	3.09	50.9	5.1	5.4	-0.2	11.9	50.9	-0.2
1977/78 4)	15.4	3.40	52.4	6.5	6.5	-0.1	12.2	50.9	1.5
COARSE GRAINS									
1969/70	24.0	3.05	73.2	19.5	4.1	15.4	72.6	89.6	-1.0
1970/71	24.3	2.93	71.2	24.2	4.1	20.1	73.4	91.3	0.0
1971/72	24.4	3.34	81.5	20.4	5.2	15.2	76.4	96.5	0.2
1972/73	24.6	3.32	81.6	22.0	5.1	16.9	78.3	99.1	-0.6
1973/74	24.8	3.39	84.1	26.8	5.5	21.3	83.4	105.0	0.3
1974/75	24.7	3.45	85.1	26.7	4.5	22.1	83.0	104.8	2.4
1975/76	25.2	3.23	81.5	24.5	4.9	19.5	83.0	104.8	-3.8
1976/77 3)	24.3	3.00	72.8	34.9	1.6	33.3	84.7	105.8	0.4
1977/78 4)	24.9	3.39	84.6	29.6	4.5	25.1	81.1	107.8	1.9

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EUROPEAN COMMUNITY: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	26.9	3.42	92.1	22.[illegible]	9.7	12.3	66.8	109.2	-4.8
1970/71	26.9	3.27	88.0	28.7	6.7	22.0	67.3	110.1	-0.1
1971/72	26.9	3.74	100.5	22.2	8.2	14.0	67.8	113.1	1.4
1972/73	26.9	3.84	103.3	22.9	10.1	12.8	71.1	116.6	-0.5
1973/74	26.7	3.97	105.8	23.2	10.5	12.7	71.3	117.2	1.3
1974/75	26.7	4.05	108.2	23.3	10.8	12.4	69.5	116.2	4.5
1975/76	26.3	3.7[illegible]	97.3	22.4	12.3	10.[illegible]	66.7	113.2	-5.9
1976/77 3)	26.2	3.48	91.1	29.8	4.8	25.1	68.9	116.[illegible]	0.1
1977/78 4)	26.4	3.95	104.2	24.6	9.2	15.4	69.1	116.3	3.3
WHEAT									
1969/70	11.1	3.22	35.7	7.1	6.0	1.1	12.1	40.8	-4.0
1970/71	1[illegible].9	3.18	34.7	9.5	3.4	6.1	12.4	40.8	0.0
1971/72	11.1	3.61	40.1	6.8	4.1	2.7	11.9	41.0	1.8
1972/73	11.1	3.74	41.5	7.0	6.0	1.0	14.3	42.8	-0.3
1973/74	10.8	3.82	41.4	4.9	5.2	-0.3	11.5	40.[illegible]	1.1
1974/75	11.2	4.04	45.4	5.0	8.9	-2.0	11.9	40.7	2.7
1975/76	10.5	3.64	38.1	5.4	8.0	-2.6	9.0	37.9	-2.4
1976/77 3)	11.2	3.52	39.6	3.9	4.0	-0.1	10.3	39.7	-0.2
1977/78 4)	10.4	4.02	41.9	4.9	5.4	-0.5	10.7	39.8	1.6
COARSE GRAINS									
1969/70	15.8	3.57	56.4	14.9	3.7	11.2	54.7	68.4	-0.8
1970/71	16.0	3.33	53.3	19.2	3.3	15.9	54.9	69.3	-0.1
1971/72	15.8	3.82	60.4	15.4	4.1	11.3	55.9	72.1	-0.4
1972/73	15.8	3.91	61.8	15.9	4.1	11.8	56.8	73.8	-0.2
1973/74	15.9	4.06	64.4	18.3	5.3	13.0	59.8	77.2	0.1
1974/75	15.5	4.05	62.8	18.3	3.9	14.4	57.6	75.5	1.7
1975/76	15.8	3.74	59.2	16.9	4.3	12.6	57.7	75.3	-3.5
1976/77 3)	15.0	3.44	51.5	25.9	0.8	25.1	58.6	76.3	0.3
1977/78 4)	15.9	3.91	62.2	19.7	3.7	16.0	58.4	76.5	1.7

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EASTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	TOTAL USAGE 1)	STOCKS CHANGE 2)
TOTAL GRAINS								
1969/70	31.0	2.45	75.8	7.6	2.7	4.9	79.7	1.0
1970/71	29.4	2.27	66.7	10.3	2.4	7.9	76.3	-1.7
1971/72	30.3	2.71	82.0	10.3	1.5	8.8	91.1	-0.3
1972/73	30.4	2.87	87.4	9.8	2.4	7.4	95.0	-0.2
1973/74	29.6	2.95	87.2	9.4	4.5	4.9	91.7	0.4
1974/75	29.4	3.10	91.3	11.1	2.9	8.2	98.5	1.0
1975/76	29.6	2.97	88.0	11.6	4.1	7.6	96.3	-0.7
1976/77 3)	29.5	3.17	93.5	14.4	3.0	11.4	102.9	2.0
1977/78 4)	30.0	3.12	93.6	11.9	3.5	8.4	102.2	-0.1
WHEAT								
1969/70	10.9	2.34	25.5	4.7	1.3	3.4	28.5	0.4
1970/71	10.2	2.25	23.0	6.7	0.9	5.8	29.2	-0.4
1971/72	10.7	2.82	30.2	5.2	0.9	4.3	35.2	-0.7
1972/73	10.8	2.84	30.7	4.6	0.9	3.7	34.6	-0.2
1973/74	10.3	3.05	31.5	5.6	2.0	3.7	35.0	0.1
1974/75	10.6	3.22	34.0	4.7	1.7	3.0	35.9	1.2
1975/76	9.9	2.86	28.4	4.9	1.2	3.7	33.7	-1.6
1976/77 3)	10.3	3.36	34.7	6.0	1.5	4.5	38.3	0.9
1977/78 4)	10.4	3.22	33.6	4.8	1.7	3.1	36.7	0.0
COARSE GRAINS								
1969/70	20.1	2.50	50.3	2.9	1.4	1.5	51.2	0.6
1970/71	19.2	2.28	43.7	3.6	1.5	2.1	47.1	-1.3
1971/72	19.6	2.64	51.8	5.1	0.6	4.5	55.9	0.4
1972/73	19.6	2.89	56.7	5.2	1.5	3.7	60.4	0.0
1973/74	19.2	2.90	55.7	3.8	2.5	1.3	56.7	0.3
1974/75	18.9	3.04	57.3	6.4	1.2	5.2	62.6	-0.2
1975/76	19.7	3.03	59.6	6.7	2.9	3.8	62.6	0.8
1976/77 3)	19.2	3.06	58.9	8.4	1.5	6.9	64.6	1.2
1977/78 4)	19.5	3.07	60.0	7.1	1.8	5.3	65.5	-0.2

1) CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS FOR THOSE COUNTRIES FOR WHICH NO STOCKS DATA ARE AVAILABLE.
2) INCLUDES YEAR-TO-YEAR FLUCTUATIONS ONLY FOR THOSE COUNTRIES/COMMODITIES FOR WHICH STOCK DATA ARE AVAILABLE.
3) PRELIMINARY.
4) PROJECTION.

SELECTED WORLD GRAIN PRICES, CIF ROTTERDAM 1/
(In U.S. dollars per metric ton)

	WHEAT			CORN	SORGHUM
	U.S. No. 2 Dark Northern Spring 14%	U.S. No. 2 Hard Winter 13½%	2/ Canadian Western Red Spring 13½%	U.S. No. 3 Yellow Corn	U.S. No. 2 Yellow Sorghum
1970/71 (July-June)	73.71	71.19	74.13	69.07	68.20
1971/72 (July-June)	69.74	66.69	72.42	57.01	60.80
1972/73 (July-June)	100.14	92.50	101.97	77.12	78.64
1973/74 (July-June)	202.95	200.35	214.40	132.90	127.20
1974/75 (July-June)	204.26	189.05	209.65	143.18	135.53
1975/76 (July-June)	187.15	177.70	195.12	128.80	122.50
1974					
January	239.65	229.65	239.20	136.20	133.00
February	240.50	231.85	243.90	142.90	136.80
March	227.85	224.50	240.15	146.45	137.00
April	182.30	183.35	214.30	131.90	124.90
May	180.50	170.50	185.45	129.50	116.10
June	209.15	177.10	204.10	133.05	117.00
July	213.85	190.70	216.25	139.75	123.60
August	217.40	194.00	215.80	139.05	138.00
September	214.25	203.55	213.05	152.75	142.20
October	232.60	229.65	233.95	163.40	161.00
November	233.20	228.90	236.80	164.55	163.00
December	227.80	219.35	231.85	159.60	159.70
1975					
January	203.90	194.75	208.75	143.30	135.50
February	192.04	180.20	198.16	137.13	127.30
March	178.70	175.85	181.90	135.25	124.50
April	181.77	159.25	192.10	130.34	127.11
May	180.83	145.85	192.58	123.49	116.39
June	174.76	146.50	195.00	129.60	108.08
July	185.35	174.35	205.05	140.90	118.20
August	195.95	187.65	210.20	147.45	134.90
September	203.90	195.10	228.20	138.20	132.30
October	193.20	185.00	219.35	132.35	128.75
November	182.50	172.65	NA	121.68	122.05
December	187.45	166.50	NA	118.65	119.55
1976					
January	183.45	168.30	NA	118.45	118.50
February	194.90	183.10	NA	121.30	119.90
March	194.35	182.85	174.50 3/	122.05	120.25
April	174.35	175.55	166.32 3/	122.24	115.18
May	177.80	169.05	168.85 3/	129.35	119.60
June	181.30	172.20	188.50 3/	133.00	120.90
July	176.46	175.70	174.55 3/	133.80	121.05
August	158.15	159.45	158.10	128.10	117.30
September	148.40	149.50	155.00	132.25	119.55
October	138.25	138.90	145.00	119.95	113.45
November	137.30	130.84	140.70	108.80	105.90
December	139.00	131.80	136.77	111.10	107.70
1977					
January	145.50	134.85	143.60	123.00	111.20
February	147.75	133.30	146.00	123.90	112.35
March	134.30	131.80	135.40	117.15	104.80
April	130.15	127.65	133.10	115.45	100.10
May	124.30	118.30	131.85	110.20	97.15

1/ Hamburg Mercantile Exchange prices for Rotterdam. Averages: basis daily market quotes. 30 day delivery.
2/ Prior to September 1971 prices for No. 2 Manitoba Northern.
3/ Canadian No. 2 CWRS - 12.5 percent protein.

U.S.: TOTAL GRAINS
SUPPLY/DISTRIBUTION

	BEGINNING STOCKS	HARVESTED AREA	YIELD	PRODUCTION	IMPORTS	EXPORTS	FEED USAGE	TOTAL CONSUMPTION
	MILLION METRIC TONS/MILLION HECTARES							
TOTAL GRAINS								
1961/62	115.7	64.2	2.5	161.0	0.6	35.4	112.2	140.2
1962/63	101.7	59.7	2.7	159.3	0.3	33.2	108.5	136.9
1963/64	91.2	61.5	2.8	171.5	0.4	40.6	106.0	135.0
1964/65	07.5	60.1	2.6	157.4	0.3	39.4	104.6	133.6
1965/66	76.5	59.5	3.0	180.0	0.3	49.6	119.6	149.0
1966/67	50.2	60.3	3.0	180.4	0.3	41.4	110.3	148.0
1967/68	49.5	65.0	3.1	203.8	0.2	42.2	118.5	140.7
1960/69	62.6	62.1	3.2	197.7	0.2	31.5	127.1	157.2
1969/70	71.0	58.5	3.4	200.9	0.4	35.4	134.6	164.7
1970/71	73.0	58.3	3.1	183.0	0.3	39.1	131.8	162.6
1971/72	54.6	63.0	3.7	233.0	0.3	41.1	143.2	174.2
1972/73	73.4	57.5	3.9	224.0	0.4	70.2	147.5	180.0
1973/74	48.0	62.8	3.7	233.0	0.3	74.2	143.3	176.1
1974/75	31.0	67.7	2.9	199.3	0.6	63.6	107.0	140.1
1975/76	27.3	71.0	3.4	243.0	0.5	02.0	118.2	153.4
1976/77	35.5	72.5	3.5	251.5	0.3	75.5	117.0	152.7
1977/78	59.2			262.3-221.7	0.3	64.2-78.2	128.4-113.0	164.6-148.8
1978/79	92.9-54.1							
WHEAT								
1971/72	22.4	19.3	2.3	44.0	0.0	16.6	7.0	23.0
1972/73	26.8	19.1	2.2	42.0	0.0	30.8	5.5	21.7
1973/74	16.3	21.0	2.1	46.4	0.1	33.1	3.7	20.4
1974/75	9.2	26.5	1.8	48.9	0.1	27.7	1.9	18.6
1975/76	11.8	20.2	2.1	50.1	0.1	31.9	2.2	20.0
1976/77	18.1	28.7	2.0	58.4	0.1	25.9	3.1	20.6
1977/78	30.1			58.5-51.7	0.1	24.5-29.9	7.5-5.4	25.0-23.0
1978/79	39.2-28.9							
COARSE GRAINS								
1971/72	32.2	43.7	4.3	189.8	0.3	24.5	136.2	151.2
1972/73	46.6	38.4	4.7	182.0	0.4	39.4	142.0	158.0
1973/74	31.7	41.6	4.5	186.6	0.2	41.1	139.6	155.6
1974/75	21.8	41.1	3.7	150.5	0.5	35.9	105.1	121.4
1975/76	15.4	42.0	4.3	184.9	0.4	50.0	116.0	133.4
1976/77	17.4	43.9	4.4	193.1	0.3	49.6	113.9	132.1
1977/78	29.1			203.8-170.0	0.2	39.7-48.3	120.9-107.6	139.6-125.8
1978/79	53.7-25.2							
	MILLION BUSHELS/MILLION ACRES							
WHEAT								
1973/74	599	53.9	31.6	1705	3	1217	137	751
1974/75	339	65.6	27.4	1796	3	1018	71	685
1975/76	435	69.6	30.7	2135	2	1173	81	735
1976/77	664	70.0	30.3	2147	2	950	115	758
1977/78	1105			2150-1900	2	900-1100	275-200	918-845
1970/79	1439-1062							
CORN								
1973/74	709	61.9	91.2	5647	1	1243	4193	4631
1974/75	483	65.4	71.3	4664	2	1149	3191	3641
1975/76	359	67.2	86.3	5797	2	1711	3550	4049
1976/77	390	71.1	87.4	6216	1	1650	3600	4116
1977/78	849			6500-5400	1	1300-1600	3850-3500	4380-4020
1978/79	1670-630							
SORGHUM								
1973/74	73	15.9	58.5	930	0	234	702	708
1974/75	61	13.9	45.3	629	0	212	437	443
1975/76	35	15.5	49.0	760	0	229	508	514
1976/77	52	14.9	48.6	724	0	240	440	446
1977/78	90			700-600	0	225-250	430-330	436-336
1978/79	129-104							
BARLEY								
1973/74	192	10.5	40.2	422	9	93	239	304
1974/75	146	0.2	37.1	304	20	42	107	336
1975/76	92	8.7	44.1	384	16	24	192	339
1976/77	129	0.4	44.9	377	10	65	165	320
1977/78	131			450-400	10-15	40-50	190-165	348-323
1978/79	203-173							
OATS								
1973/74	461	14.1	47.3	667	0	57	675	763
1974/75	308	13.2	46.5	614	0	19	595	679
1975/76	224	13.6	40.4	658	1	14	574	661
1976/77	208	12.4	45.3	562	1	10	515	604
1977/78	157			730-580	0	10-15	540-440	630-530
1978/79	247-192							
RYE								
1973/74	39	1.0	26.0	26	0	28	10	23
1974/75	14	0.9	21.1	19	0	6	9	21
1975/76	7	0.8	22.5	10	1	1	9	20
1976/77	5	0.8	21.2	17	1	1	8	18
1977/78	5	0.9	22.2	20	0	1	10	21
1978/79	3							

NOTES: TOTAL GRAINS INCLUDE WHEAT, CORN, SORGHUM, BARLEY, OATS AND RYE.
COMMODITY YEARS AS FOLLOWS: JUNE/MAY - WHEAT, BARLEY, OATS AND RYE.
OCTOBER/SEPTEMBER - CORN AND SORGHUM.
DOES NOT INCLUDE CANADIAN TRANSSHIPMENTS; INCLUDES MAJOR PRODUCTS

SOURCE: AGRICULTURAL SUPPLY-DEMAND ESTIMATE REPORT. THE TWO 1977/78 PROJECTIONS REPRESENT ALTERNATIVES I AND II RESPECTIVELY.

U.S. RICE
SUPPLY/DISTRIBUTION
August/July Marketing Year

	Area Harvested	Yield	Rough Production	Beginning Stocks	Milled Production	Imports	Exports	Total Consumption 1/
	Thousand Metric Tons/Thousand Hectares							
1960/61	645	3.84	2477	395	1756	9	919	911
1961/62	643	3.82	2459	330	1763	13	936	997
1962/63	718	4.17	2996	173	2133	1	1119	937
1963/64	717	4.45	3188	251	2295	1	1385	917
1964/65	723	4.59	3318	245	2386	15	1387	1008
1965/66	725	4.77	3460	251	2497	22	1418	1081
1966/67	796	4.84	3856	271	2805	-	1719	1079
1967/68	797	5.09	4054	278	2950	-	1887	1119
1968/69	952	4.96	4723	222	3459	-	1819	1330
1969/70	861	4.84	4168	532	3003	7	1791	1215
1970/71	734	5.18	3801	536	2796	48	1474	1295
1971/72	736	5.28	3889	611	2837	36	1808	1304
1972/73	736	5.26	3874	372	2828	17	1733	1317
1973/74	878	4.79	4209	167	3035	7	1607	1347
1974/75	1026	4.97	5098	255	3667	-	2207	1483
1975/76	1134	5.12	5806	232	4077	-	1744	1390
1976/77	985	5.39	5307	1175	3821	-	2260	1366
1977/78			4572-4418	1370	3292-3181	-	2065-2260	1441
1978/79				1156-850				
	Million Hundredweight/Million Acres							
1971/72	1.8	47.67	85.8	18.6		1.1	56.9	37.2
1972/73	1.8	47.44	85.4	11.4		.5	54.0	38.2
1973/74	2.2	42.18	92.8	5.1		.2	49.7	40.6
1974/75	2.5	44.96	112.4	7.8		-	69.5	43.6
1975/76	2.8	45.71	128.0	7.1		-	56.5	41.7
1976/77	2.5	46.80	117.0	36.9		-	69.2	42.8
1977/78			100.8-97.4	41.9		-	63.2-69.2	44.1
1978/79				35.4-26.0				

1/ Includes statistical discrepancy in Supply/Use Report.

SOURCE: Agricultural Supply Demand Estimate Report. The two 1977/78 projections represent Alternatives I and II respectively.

WORLD WHEAT S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	214.6	1.44	54.2	308.7	58.1	281.9
1967/68	219.3	1.36	81.0	297.3	53.5	289.8
1968/69	224.2	1.47	88.4	328.6	49.8	304.6
1969/70	217.9	1.42	112.4	309.9	55.2	326.9
1970/71	339.6	0.93	95.4	315.7	53.4	339.1
1971/72	212.8	1.64	72.0	348.2	55.6	341.4
1972/73	210.8	1.63	78.8	343.3	70.8	361.2
1973/74	216.5	1.72	61.0	371.6	72.6	363.5
1974/75	220.5	1.62	69.1	356.4	68.0	362.9
1975/76	226.2	1.55	62.6	350.1	72.8	349.9
1976/77 4)	232.2	1.78	62.8	413.6	65.7	373.2
1977/78 5)	229.9	1.75	103.2	402.9	69.2	392.3
1978/79 5)			113.8			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIS FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	329.8	1.57	67.1	517.7	43.0	516.8
1967/68	334.9	1.62	68.1	541.4	44.6	532.5
1968/69	334.9	1.63	77.0	545.7	39.8	541.7
1969/70	338.4	1.69	81.0	570.9	47.1	570.2
1970/71	339.6	1.68	81.7	569.1	53.3	585.7
1971/72	340.9	1.82	65.1	621.9	55.5	608.6
1972/73	338.0	1.78	78.4	602.7	69.0	620.5
1973/74	351.3	1.88	60.6	660.9	80.9	665.3
1974/75	349.2	1.78	56.2	620.4	69.5	625.0
1975/76	354.8	1.79	51.6	634.5	88.6	635.2
1976/77 4)	358.9	1.93	50.9	691.4	83.2	673.7
1977/78 5)	361.7	1.89	68.6	684.3	77.7	664.6
1978/79 5)			88.3			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD WHEAT & COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	544.4	1.52	121.3	826.4	101.1	798.7
1967/68	554.2	1.51	149.1	838.7	98.1	822.3
1968/69	559.1	1.56	165.4	874.3	89.6	846.3
1969/70	556.3	1.58	193.4	880.8	102.3	897.1
1970/71	679.2	1.30	177.1	884.8	106.7	924.8
1971/72	553.7	1.75	137.1	970.1	111.1	950.0
1972/73	548.8	1.72	157.2	946.0	139.8	981.7
1973/74	567.8	1.82	121.6	1032.5	153.5	1028.8
1974/75	569.7	1.71	125.3	976.8	137.5	988.0
1975/76	581.1	1.69	114.1	984.6	161.5	985.0
1976/77 4)	591.1	1.87	113.6	1105.0	148.9	1046.9
1977/78 5)	591.6	1.84	171.8	1087.2	146.8	1057.0
1978/79 5)			202.1			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD RICE S & D 1)
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD 2)	PRODUCTION ROUGH	PRODUCTION MILLED	BEGINNING 3) STOCKS	TOTAL 4) EXPORTS	TOTAL 5) CONSUMPTION
1966/67	125.3	2.12	265.1	179.4	10.1	7.4	180.9
1967/68	127.1	2.25	286.5	193.8	8.6	6.9	190.6
1968/69	128.3	2.25	289.0	195.4	11.8	6.8	192.2
1969/70	132.0	2.27	299.9	202.7	15.0	7.4	200.0
1970/71	131.4	2.35	309.3	209.0	17.7	8.0	208.1
1971/72	131.6	2.39	313.9	212.0	18.6	8.1	214.8
1972/73	130.9	2.31	302.9	204.7	15.8	8.1	209.7
1973/74	135.1	2.40	324.3	219.0	10.2	7.7	216.7
1974/75	137.2	2.40	330.0	222.9	12.5	7.6	223.4
1975/76 6)	142.1	2.49	353.5	238.6	12.0	7.9	231.7
1976/77 7)	141.2	2.42	341.7	230.7	18.0	8.0	232.9
1977/78 7)					15.8		

1) PRODUCTION IS EXPRESSED ON BOTH ROUGH AND MILLED BASIS; STOCKS, EXPORTS AND CONSUMPTION ARE EXPRESSED ON MILLED BASIS.
2) BASED ON ROUGH PRODUCTION.
4) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLS STOCK LEVELS AT A FIXED POINT IN TIME. COMPARARABLE DATA NOT AVAILABLE FOR YEARS PRIOR TO 1966/67.
3) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
5) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, CONSUMTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
6) PRELIMINARY.
7) PROJECTION.

WORLD TOTAL GRAINS S & D *
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	669.7	1.63	131.5	1004.3	108.5	978.2
1967/68	681.2	1.65	157.7	1031.2	105.0	1011.5
1968/69	687.4	1.69	177.3	1069.7	96.4	1038.5
1969/70	688.3	1.72	208.5	1083.4	109.8	1097.1
1970/71	810.5	1.47	194.8	1093.7	114.6	1132.8
1971/72	685.3	1.87	155.7	1182.0	119.2	1164.6
1972/73	678.8	1.84	173.1	1150.1	148.0	1191.5
1973/74	702.6	1.93	131.8	1251.5	161.2	1245.5
1974/75	707.0	1.85	137.7	1199.7	145.1	1211.4
1975/76 4)	723.2	1.85	126.1	1223.2	169.3	1216.7
1976/77 5)	732.4	1.98	131.6	1335.8	156.9	1279.9
1977/78 5)			187.5			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED TO INCLUDE YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS. RICE STOCKS PRIOR TO 1966/67 ARE NOT AVAILABLE.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE AND CALENDAR YEAR TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

NOTE: INCLUDES WHEAT, COARSE GRAINS, AND RICE. YIELD IS CALCULATED ON ROUGH (PADDY) BASIS. PRODUCTION, TRADE, AND CONSUMPTION ARE EXPRESSED ON MILLED BASIS FOR RICE.

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Approved by the World Food and Agricultural Outlook and Situation Board • USDA

FG-11-77
July 19, 1977

WORLD GRAIN OUTLOOK FOR 1977/78

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TOTAL WHEAT AND COARSEGRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 JUN 13	1977/78 JUL 18
EXPORTS 1)						
SELECTED						
EXPORTERS 2)	34.3	43.0	44.2	49.4	47.9	47.5
WEST EUROPE	11.3	12.8	14.2	7.0	11.0	11.4
USSR	5.9	5.0	0.5	3.0	4.0	4.0
OTHERS	6.7	4.4	5.9	5.9	7.0	7.9
TOTAL NON-US	58.2	65.2	64.8	65.3	70.0	70.9
U.S 3)	75.6	62.4	78.0	77.3	68.9	70.2
WORLD TOTAL	133.7	127.6	142.7	142.6	138.9	141.1
IMPORTS						
WEST EUROPE	33.2	32.8	31.0	40.0	36.0	36.5
USSR	11.0	5.2	25.6	10.5	9.0	8.0
JAPAN	19.5	18.5	19.4	20.9	21.4	22.1
EAST EUROPE	9.4	11.1	11.6	14.4	11.9	11.0
OTHERS	60.7	59.9	55.1	56.7	60.6	63.5
WORLD TOTAL	133.7	127.6	142.7	142.6	138.9	141.1
(+ INTRA EC-9)	148.6	139.1	157.5	155.5	152.4	154.6
PRODUCTION 4) 5)						
SELECTED						
EXPORTERS 2)	109.1	95.6	105.2	123.0	113.5	111.7
WEST EUROPE	134.8	141.8	130.0	123.7	137.0	136.8
USSR 6)	210.7	183.5	132.0	211.8	200.0	210.0
EAST EUROPE	87.2	91.3	88.0	93.7	93.6	94.7
PRC	91.5	98.0	102.0	105.0	103.0	102.0
OTHERS	165.8	167.2	183.8	196.0	190.0	187.7
TOTAL NON-US	799.1	777.5	741.0	853.3	837.2	842.9
U.S.	233.0	199.3	243.0	251.5	250.0	254.1
WORLD TOTAL	1032.1	976.8	984.0	1104.8	1087.2	1097.0
CONSUMPTION 4) 7						
WEST EUROPE	154.4	156.3	153.4	156.6	158.7	159.2
USSR 6)	200.8	192.8	166.2	202.3	195.0	196.0
PRC	99.1	104.1	104.1	108.4	109.9	111.4
OTHERS	397.9	394.7	407.4	430.9	430.7	442.2
TOTAL NON-US	852.3	847.8	831.0	898.3	894.3	908.8
U.S.	176.1	140.2	153.4	150.7	162.6	161.8
WORLD TOTAL	1028.4	988.1	984.4	1049.0	1057.0	1070.6
END STOCKS 4) 8)						
TOTAL						
FOREIGN 9)	94.2	88.0	78.1	108.3	124.8	112.8
USSR: STKS CHG	15.0	-9.0	-9.0	17.0	10.0	18.0
US	31.0	27.1	35.4	61.1	77.3	82.9
WORLD TOTAL 9)	125.2	114.0	113.6	169.4	202.1	195.8

SEE FOOTNOTES PAGE 36

* TOTAL SOVIET GRAIN PRODUCTION IS CURRENTLY PROJECTED AT 225 MILLION METRIC TONS. THIS FIGURE INCLUDES RICE, PULSES AND OTHER MISCELLANEOUS GRAIN NOT INCLUDED IN THE ABOVE AGGREGATES.

* * * \

SUMMARY OF WORLD SITUATION AND OUTLOOK FOR GRAINS, INCLUDING RICE

For the second consecutive year, weather conditions appear to be favorable for world grain crops. As of mid-July, the total 1977 harvest of grain, including rice, is forecast at 1,444 million metric tons, only slightly below the record 1976 level of 1,447 million. 1/ The global rice harvest now predicted for 1977 would be second only to the record of 1975, while those of wheat and coarse grains would be only slightly below last year's record levels. In the USSR and the USA, which together account for roughly one-third of global production for grains including rice, 1977 harvests may reach record levels if favorable growing conditions continue in July and August.

The most significant areas of crop shortfall emerging thus far in the 1977 season appear to be centered in several countries surrounding the Mediterranean; by comparison, however, the magnitude of this is substantially smaller than the unusually severe shortfall that occurred last year in Western Europe, or the previous year in the USSR. Conditions for the 1977 Asian rice crop thus far appear no better than average, but indications are that the global total for 1977 will still exceed that of 1976.

Grain area for the world as a whole, which increased sharply in recent years, will show little or no increase in 1977; the 1977 area for wheat and coarse grain is currently projected at 591.2 million hectares, as compared with 588.4 million in 1976, mainly due to a 2.2 million hectare increase projected for the USSR. As regards yield, at this stage it appears that unless conditions improve significantly in the next few months outturn per hectare for the world as a whole will be slightly lower in 1977 than in 1976; the aggregate global wheat and coarse grain yield forecast is 1.86 tons per hectare as compared with 1.88 tons estimated for 1976.

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*                                                                     *
*  Based on analysis of past forecasting error for the month of July  *
*  and the judgment of reviewing analysts, the likelihood is at least *
*  two out of three that the final global production estimate for the *
*  total of wheat and coarse grains will not differ from the July     *
*  estimate by more than about 4 percent.  However, for the world     *
*  excluding both the U.S. and USSR, the chances are two out of three *
*  that the final production estimate will not differ from the July   *
*  estimate by more than 1 percent.  For rice this margin is          *
*  estimated at about 2 percent for total world production.           *
*                                                                     *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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1/ The previous report in this series was Foreign Agriculture Circular, FG 9-77, World Grain Situation: 1977/78 Crop and Trade Developments, June 13, 1977.

WORLD WHEAT AND WHEAT FLOUR:
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 JUN 13	1977/78 JUL 18
EXPORTS						
CANADA	11.5	11.2	12.1	12.8	12.5	12.5
AUSTRALIA	5.4	8.2	7.9	8.4	8.5	9.4
ARGENTINA	1.1	2.2	3.2	5.6	3.3	3.4
SUB-TOTAL	18.0	21.6	23.2	26.8	24.3	25.3
WEST EUROPE	5.8	8.3	9.2	5.4	6.5	6.5
USSR	5.0	4.0	0.5	1.0	3.0	3.0
OTHERS	2.7	2.0	1.5	2.4	3.1	4.0
TOTAL NON-US	31.5	35.9	34.4	35.6	37.0	38.8
U.S. 3)	31.1	28.0	31.5	25.4	26.9	26.9
WORLD TOTAL	62.6	63.9	65.9	61.0	63.9	65.8
IMPORTS						
WEST EUROPE	6.4	6.2	6.5	5.1	6.5	6.5
USSR	4.5	2.5	10.1	5.5	5.0	4.0
JAPAN	5.4	5.4	5.9	5.5	5.6	5.6
EAST EUROPE	5.6	4.7	4.9	6.0	4.8	4.5
PRC	5.6	5.7	2.2	3.5	7.0	9.5
OTHERS	35.1	39.5	36.3	35.4	35.0	35.6
WORLD TOTAL	62.6	63.9	65.9	61.0	63.9	65.8
(+ INTRA EC-9)	69.1	68.6	72.4	67.1	70.4	72.3
PRODUCTION 6)						
CANADA	16.2	13.3	17.1	23.5	16.8	17.0
AUSTRALIA	12.0	11.4	12.0	11.8	13.0	13.0
ARGENTINA	6.6	6.0	8.6	11.0	7.0	7.5
WEST EUROPE	50.8	56.7	48.5	50.9	52.4	52.3
USSR 7)	109.8	83.8	66.2	96.9	105.0	110.0
EAST EUROPE	31.5	34.0	28.4	34.5	33.6	33.9
INDIA	24.7	21.8	24.1	28.3	27.0	26.0
OTHERS	73.8	80.5	86.3	97.4	92.9	90.2
TOTAL NON-US	325.2	307.5	291.2	354.3	347.8	349.8
U.S.	46.4	48.9	58.1	58.4	55.1	55.6
WORLD TOTAL	371.6	356.4	349.3	412.7	402.9	405.5
CONSUMPTION 8)						
U.S.	20.4	18.8	19.9	20.5	23.9	23.9
USSR 7)	95.3	93.3	83.8	88.4	97.0	98.0
PRC	40.0	42.7	42.2	46.5	48.0	49.5
OTHERS	207.7	208.2	203.2	219.7	223.4	228.2
WORLD TOTAL	363.5	363.0	349.1	375.1	392.3	399.6
ENDING STOCKS 8) TOTAL						
FOREIGN 9)	59.9	51.1	44.6	70.1	79.7	71.4
USSR: STKS CHG	14.0	-11.0	-8.0	13.0	10.0	13.0
U.S.	9.2	11.7	18.1	30.2	34.1	34.8
WORLD TOTAL 9)	69.1	62.5	62.7	100.3	113.8	106.2

SEE FOOTNOTES PAGE 36

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* BASED ON ANALYSIS OF PAST FORECASTING ERROR FOR THE MONTH OF JULY AND THE JUDGMENT OF REVIEWING ANALYSTS, THE *
* LIKELIHOOD IS AT LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION ESTIMATE FOR WHEAT WILL NOT DIFFER *
* FROM THE JULY ESTIMATE BY MORE THAN ABOUT 5 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND *
* USSR, THE CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THE JULY *
* ESTIMATE BY MORE THAN ABOUT 1 PERCENT. *

* *

WORLD COARSE GRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 JUN 13	1977/78 JUL 18
EXPORTS 10)						
CANADA	2.9	2.8	4.9	4.7	4.4	4.4
AUSTRALIA	1.9	2.9	3.2	3.7	3.8	3.5
ARGENTINA	8.4	8.5	5.3	9.1	8.4	8.2
S. AFRICA	0.5	3.5	3.3	1.5	2.8	2.9
THAILAND	2.3	2.2	2.6	2.1	2.7	1.7
BRAZIL	0.4	1.5	1.7	1.3	1.5	1.5
SUB-TOTAL	16.3	21.4	21.0	22.6	23.6	22.2
WEST EUROPE	5.5	4.5	4.9	1.6	4.5	4.9
USSR	0.9	1.0	0.0	2.0	1.0	1.0
OTHERS	4.0	2.4	4.5	3.5	3.9	3.9
TOTAL NON-US	26.7	29.4	30.4	29.7	33.0	32.0
U.S. 3)	44.5	34.3	46.5	51.8	42.0	43.3
WORLD TOTAL	71.1	63.7	76.8	81.6	75.0	75.3
IMPORTS						
WEST EUROPE	26.8	26.7	24.5	34.9	29.6	30.1
USSR	6.5	2.7	15.5	5.0	4.0	4.0
JAPAN	14.1	13.1	13.5	15.4	15.7	16.4
EAST EUROPE	3.8	6.4	6.7	8.4	7.1	6.5
OTHERS	20.0	14.8	16.6	17.8	18.6	18.3
WORLD TOTAL	71.1	63.7	76.8	81.6	75.0	75.3
(+ INTRA EC-9)	79.5	70.5	85.1	88.4	82.0	82.3
PRODUCTION 5) 11						
CANADA	20.4	17.4	20.0	21.2	20.1	20.1
AUSTRALIA	4.7	4.5	5.6	5.1	6.1	6.1
ARGENTINA	17.9	13.8	12.4	17.6	16.6	15.1
S. AFRICA	11.9	9.7	7.7	10.1	9.6	9.6
THAILAND	2.5	2.7	3.3	3.0	3.7	2.7
BRAZIL	16.9	16.9	18.5	19.6	20.6	20.6
WEST EUROPE	84.1	85.1	81.5	72.8	84.6	84.6
USSR 6)	101.0	99.7	65.8	115.0	95.0	100.0
EAST EUROPE	55.7	57.3	59.6	59.2	60.0	60.8
OTHERS	158.8	162.9	175.3	175.4	173.1	173.4
TOTAL NON-US	473.9	469.9	449.8	499.0	489.4	493.0
U.S.	186.6	150.5	184.9	193.1	194.9	198.5
WORLD TOTAL	660.5	620.4	634.7	692.1	684.3	691.5
CONSUMPTION 7)						
U.S.	155.6	121.5	133.5	130.2	138.7	137.9
USSR 6)	105.5	99.4	82.4	114.0	98.0	98.0
PRC	59.1	61.4	61.9	61.9	61.9	61.9
OTHERS	344.6	342.9	357.6	367.8	366.0	373.2
WORLD TOTAL	664.9	625.1	635.3	673.9	664.6	671.1
END STOCKS 8) 11						
TOTAL						
FOREIGN 9)	34.3	36.9	33.6	38.2	45.1	41.4
(USSR: STKS CHG)	1.0	2.0	-1.0	4.0	0.0	5.0
U.S.	21.8	15.4	17.4	30.9	43.2	48.2
WORLD TOTAL 9)	56.2	51.5	50.9	69.1	88.3	89.6

SEE FOOTNOTES PAGE 36

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* BASED ON ANALYSIS OF PAST FORECASTING ERROR FOR THE MONTH OF JULY AND THE JUDGMENT OF REVIEWING ANALYSTS, THE *
* LIKELIHOOD IS AT LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION ESTIMATE FOR COARSE GRAINS WILL NOT *
* DIFFER FROM THE JULY ESTIMATE BY MORE THAN ABOUT 3 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. *
* AND USSR, THE CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THE JULY *
* ESTIMATE BY MORE THAN ABOUT 1 PERCENT. *

* *

Despite continuing increases in world consumption, large stocks have accumulated once again in many countries, especially in wheat, and further significant increases are expected to occur in the course of the 1977/78 season, not only in wheat, but in coarse grains as well. The final outcome for the 1977/78 season still depends heavily upon the outturn of important spring-sown Northern Hemisphere crops and a successful completion of the Asian monsoon season. Nevertheless, barring either (1) a notable decline in world wheat and coarse grain plantings for the 1978 season, reflecting depressed world price levels or possible government actions, or (2) a major step-up in global utilization, the general market situation for the 1977/78 season is otherwise likely to be relatively settled and increasingly dominated by levels of government-sponsored support prices in the major exporting countries.

WHEAT AND COARSE GRAINS

The main developments in the world wheat and coarse grain situation since the last report of this series have been (1) an increase in the world grain crop forecast, mostly as a result of an increase for the USSR, (2) a sharp increase in China's 1977/78 wheat imports, and (3) a substantial increase in wheat export forecasts for several foreign countries. There have also been upward revisions of the estimates of total world grain consumption for both 1976/77 and 1977/78.

Crop Outlook

The current 1,097 million ton estimate of 1977 world wheat and coarse grain production is about 10 million tons above last month's forecast but still slightly below the record 1976 outturn of 1,105 million tons. The increase since mid-June is mainly attributed to improved crop prospects in the USSR where wheat and coarse grain production estimates have been increased by 10 million tons from the earlier forecast. The U.S. crop forecast is also up, by about 3 million tons. Smaller production adjustments, up and down, in other areas, however, offset the above 3 million ton increase.

The upward revision of the USSR crop forecast is due to continued favorable soil moisture supplies through June 30 in the European USSR, improved conditions in the Volga and Urals regions, and recent timely rains in many areas of West Siberia and North Kazakhstan. Although recent rains have improved crop prospects in some of the important spring grain areas, low soil moisture reserves across much of the producing regions from the Volga River eastward will necessitate additional rainfall for a satisfactory crop in those regions. Recent wet weather and heavy lodging in European USSR may also adversely offset quality, especially of winter wheat.

A USSR total grain crop of 225 million tons, including miscellaneous grains, rice, and pulses, would be about equal to the record 1976 crop of 224 million tons, and substantially above the Soviet announced

target of 213 million tons for 1977. The current forecast of harvested area for 1977 is 130 million hectares, up 2 million hectares from 1976; if confirmed, this would put the USSR among the very few countries where total grain area increased rather than decreased between 1976 and 1977.

Unseasonable rains, hail and strong winds in large parts of India's northern wheat belt during April and May had more effect on the wheat harvest than previously expected. The wheat crop is now estimated at 26 million tons, 1 million tons lower than the estimate in early June.

China's recent large wheat import purchases are believed to reflect, in part, concern over low stocks, prospects for this year's wheat crop, and for the fall harvest of coarse grains in North and Northeast China. These two major producing regions experienced severe spring drought, and the harvesting of winter wheat in North China has been hampered by recent rain.

Localized dry conditions affecting crop prospects in Morocco, Algeria, Tunisia, and parts of Syria and Iran, have now also been reported from other countries such as Afghanistan, Thailand, Mexico, and Peru. Drought-affected regions in Portugal and Greece remain dry. Non-irrigated crops in central and southern Spain are also in need of water.

In Eastern Europe, wheat and barley crop prospects are very good, better than in the mid-June report. Due to intermittent wet, cold, and dry conditions, corn crops in the southern countries of East Europe are somewhat less promising.

The outlook for 1977 wheat and coarse grain crops in the U.S. has improved slightly over recent weeks. Despite decreases occurring in other major exporting countries, Australia is now expected to substantially increase wheat plantings in the coming season, to about 10 million hectare. With recent improvement in moisture conditions for planting, production in December 1977 is now projected at 13 million tons. In Argentina, meanwhile, indications continue to point toward increased shift in land usage to oilseeds and pastures and significant decreases in wheat plantings.

Utilization and Carryover Stocks

Estimated levels of global wheat and coarse grain utilization have been revised upward for both 1976/77 and 1977/78 by rather significant amounts. These increases have been larger in wheat but also of appreciable magnitude for feedgrains. For a few countries, such as Iran, Korea, Japan, and Taiwan, upward adjustments have reflected increased estimates of utilization for animal feeding purposes, but to a considerable extent the increases appear to reflect higher levels of food disappearance than had been projected earlier in this series of reports for the 1976/77 and 1977/78 seasons.

Based on preliminary analysis of trade flow data for the 1976/77 season, the aggregate volume of consumption for that sector of the world which excludes West Europe, USSR, and China, is now placed at about 431 million metric tons, or nearly 4 million tons higher than was previously estimated. The 1977/78 consumption level for total wheat and coarse grains is now projected at about 441 million tons, or almost 10 million tons more than was previously estimated. Another significant consumption increase for total grains is indicated in this report for China, in line with the larger current estimate of 1977/78 import volume.

One interesting aspect of the global consumption situation for grains is that, as the 1976/77 year draws to a close, it once again appears that disappearance outside the USA, USSR, PRC, and West Europe has continued its steady up-trend in relatively uninterrupted fashion, whereas, particularly in the USA, utilization is falling far short of earlier expectations. Comparison of current estimates with the forecast of one year ago are summarized as follows:

	1976/77 consumption levels	
	forecast as of July 1976	revised estimate as of July 1977
	- - - - - million metric tons - - - -	
USA	166.8	150.7
All Other Countries, excluding USSR, PRC, and West Europe	411.5	431.0
Sub-Total	578.3	581.7

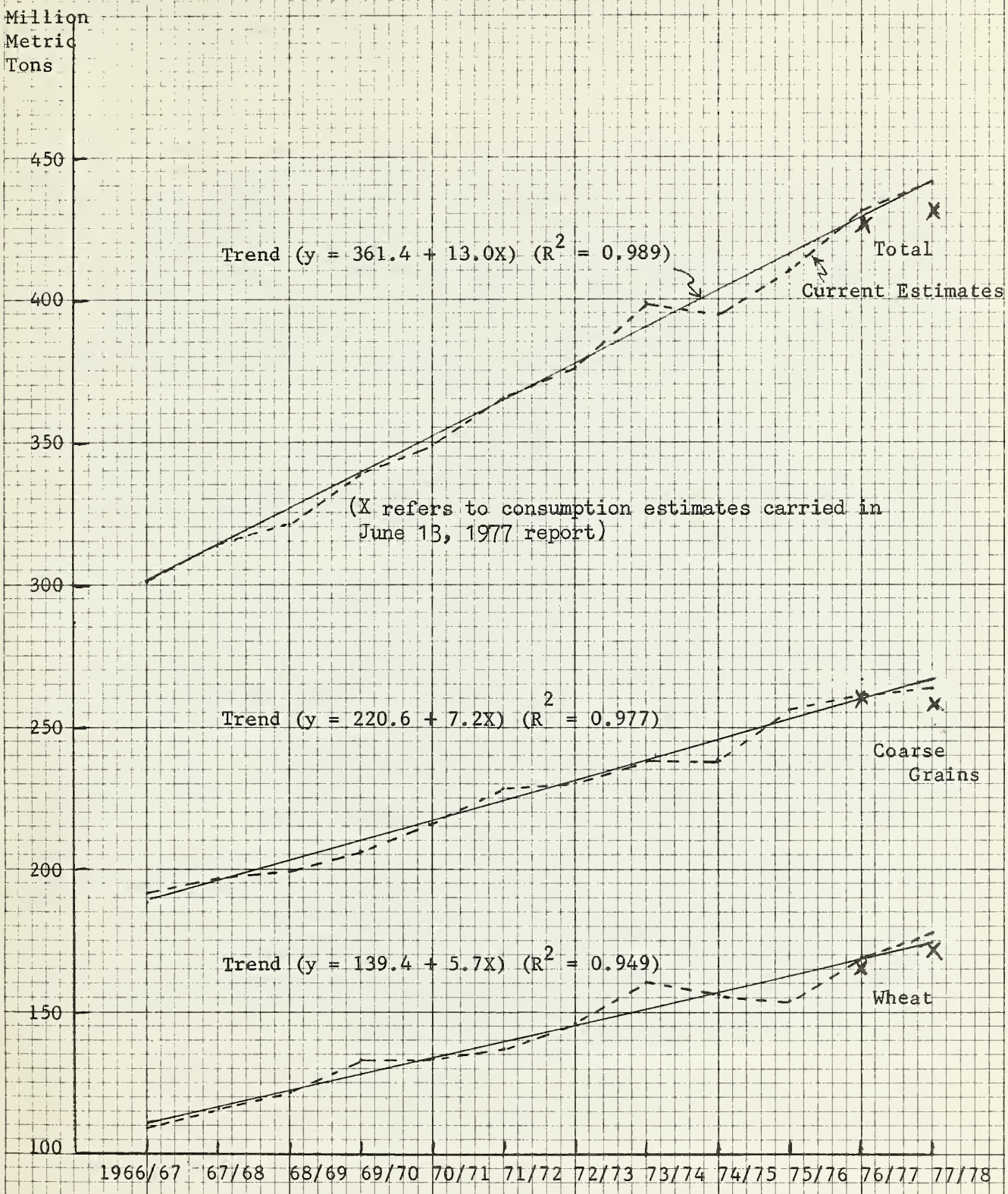
To provide additional perspective on the latest revisions in consumption estimates for the "all others" sector, Chart I shows current 1976/77 and 1977/78 levels vis-a-vis those of the mid-June 1977 report.

Taking into account the current estimates of world consumption, the indicated levels of aggregate world end-of-marketing-year carry-out now show a total estimated buildup of 55.8 million metric tons in 1976/77 (58.2 in the June report), and 26.4 million projected for 1977/78 (30.3 million in June). The total projected 1977/78 carry-out of 195.8 million tons (equivalent to 18 percent of current world consumption) is sharply above the 1974/75 low of 114.0 million (12 percent of world consumption) and also slightly above the 1968/69 previous high of 193.4 million tons (23 percent of the then current consumption).

Another significant aspect of the comparison between the current carry-out forecast for 1977/78 and those of earlier years is the portion held by major exporting countries. The projected 1977/78 carry-out for this

CHART I

ACTUAL GRAIN CONSUMPTION RELATIVE TO TREND1/ IN THE WORLD EXCLUDING USA, USSR WEST EUROPE AND PRC



1/Linear trends calculated over 11 year period reflecting increased rate of grain consumption relative to earlier periods.

group now stands at 107 million tons, as compared with 45 million and 111 million in 1974/75 and 1968/69, respectively. In terms of relationship to world consumption, these major exporter carry-out levels represent 10 percent for 1977/78, 5 percent for 1974/75, and 13 percent for 1968/69.

Trade Prospects

The overall level of wheat and coarse grain trade forecast for the 1977/78 season is up 2.2 million tons from the estimate of mid-June. The most important recent trade development was China's purchase of 3 million tons of wheat in early July from Australia, virtually all for shipment during the 1977/78 July-June season. Chinese purchases for delivery in 1977/78 (July-June) now total approximately 8.7 MMT. With further purchases still possible, China's wheat imports for the year are now projected at 9.5 million tons, an increase of 2.5 million from the previous estimate. Adverse weather and increased consumption have also prompted slight increases in the import estimates of other wheat importing countries such as Brazil, Iran, Iraq, and Morocco.

Another important development in the 1977/78 trade outlook is that wheat export estimates for several countries have been raised. The Australian wheat export forecast has been raised by 900,000 tons, to reflect its large forward sales. Recent export sales indicate that Turkey's wheat exports may reach about 1.5 million tons in 1977/78, up 500,000 from the last report.

Exceptionally large wheat stocks and limited storage facilities are expected to lead to wheat exports from India in 1977/78. Due to the lower quality of a portion of this year's wheat crop and consequent larger than expected procurement, India's government-held foodgrain stocks are estimated to have swollen to about 22 million tons by the end of June 1977. The price of wheat distributed through the government fair price shops has been reduced, and the offtake from the government held stocks is expected to rise somewhat, but some exports are also believed likely. At this stage, the volume of such exports is tentatively projected at 400,000 tons but could be considerably higher.

As for coarse grain trade, there have been increases of 1977/78 import forecasts for Japan and certain other countries, including several in Western Europe. On the export side, prolonged drought conditions in Thailand are expected to limit that country's corn export potential to about 1.5 million tons, down 1 million tons from the previous estimate. In addition, projected levels of Argentine and Australian exports in 1977/78 (July-June) are reduced to account for the high volume of shipments that took place in the last months of 1976/77.

For the U.S., the export forecast for 1977/78 is unchanged for wheat, but increased by 1.2 million tons for coarse grains (all in corn), both for July-June period and the U.S. marketing year.

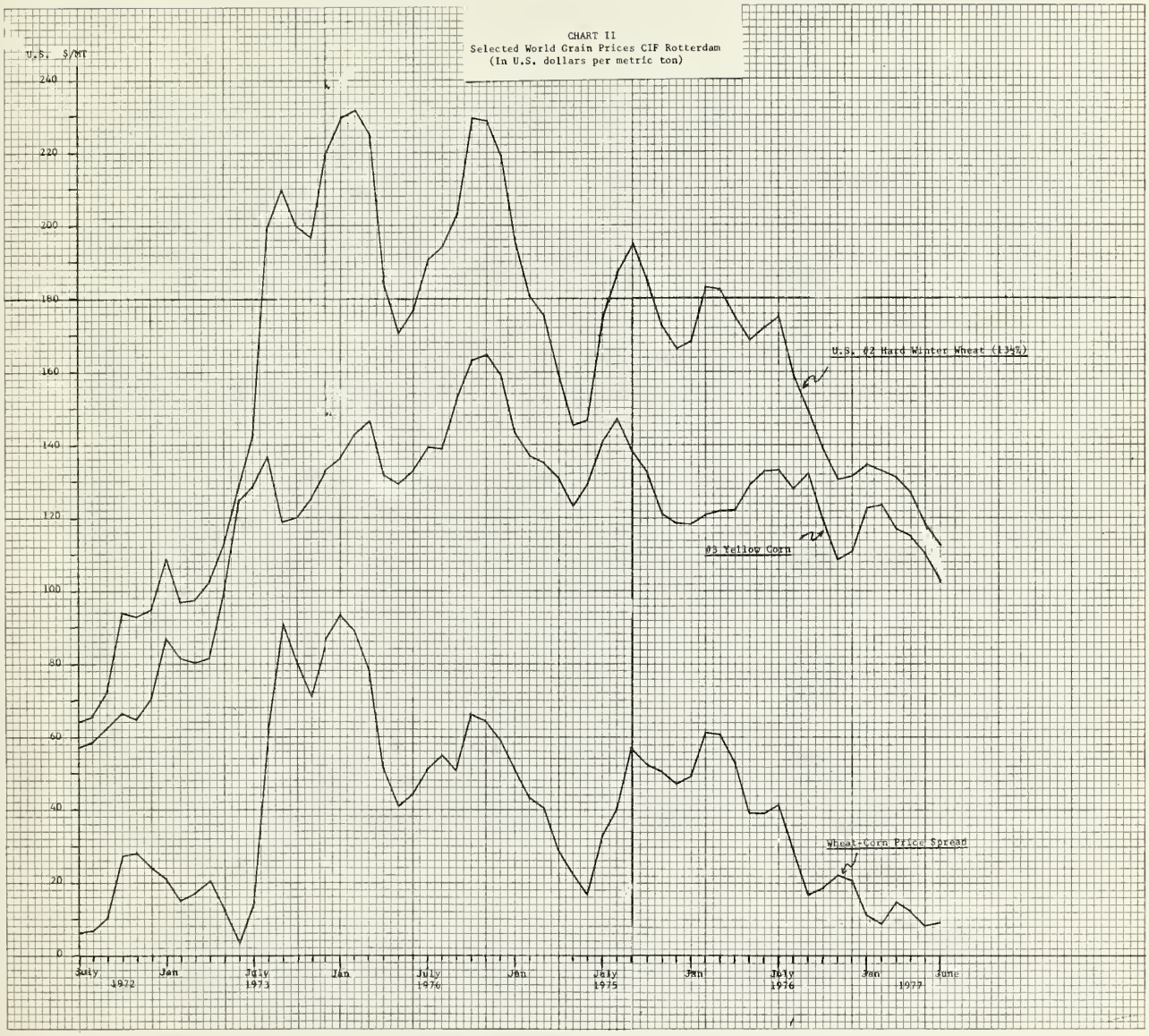


CHART II
Selected World Grain Prices CIF Rotterdam
(In U.S. dollars per metric ton)

Market Outlook

World price levels for both wheat and coarse grains have continued to decline slightly in recent weeks, with the reductions in coarse grain price somewhat larger than those for wheat. Wheat price levels in international markets are being sustained to a considerable extent by prevailing support measures in major exporting countries.

If, as the 1977/78 season progresses, coarse grain crop outturns materialize as now expected, a somewhat wider margin of price difference may emerge between wheat and coarse grains than was experienced through most of the past year. (See Chart II, Page 11) However, should coarse grain prices decline appreciably relative to the current levels for wheat, governmental measures would probably become of considerable importance in moderating downward movement of prices, somewhat along the lines of the situation which has already been developing for wheat in recent months.

While governmental support measures toward producers may on the one hand act to restrain further downward movement of world prices, there is also the possibility that other types of measures by governments or quasi-governmental bodies could nevertheless have the effect of pushing world prices downward in the months ahead. Several sources have recently become very active in the use of export subsidies as a means of disposing of temporary existing or anticipated surpluses. For example, Turkey has recently sold in excess of 1 million tons of wheat into export with subsidies which are apparently equivalent to more than one-half the current level of world prices. EC export restitutions for wheat, barley, as well as products thereof, have also been sharply increased for certain destinations in recent weeks, also to levels well in excess of one-half the current world price. Another force having a similar effect is increasing levels of border protection; EC wheat and corn import levies for August delivery are currently set at $130 and $104 per metric ton, whereas two months ago, for May 1977 delivery, those rates were $126 and $89 per ton, respectively. Similarly, Japan's domestic resale price for imported wheat is now set at about $240 per ton, and a further increase is under consideration.

Another outlook factor which may be of continuing importance in the months ahead is the situation of Chinese import needs. Although very little information is available concerning China's internal grain situation, purchases for 1977/78 delivery have already exceeded earlier estimates by a large margin; if this tendency should continue, or begin to have longer-term implications, there could be appreciable market impact.

WORLD RICE SITUATION

World rice production in 1977/78 is initially forecast at 347 million tons compared to revised 1976/77 production of 340.4 million tons.* In Asia, production is forecast to increase to about 313 million tons in 1977/78 compared to slightly less than 309 million tons in 1976/77 and the record 1975/76 crop of 319 million tons. South American production for 1977/78 is forecast at slightly over 12 million tons, up over 1 million tons from the 1976/77 crop and only slightly below the record 1975/76 crop of 12.5 million tons. African production of over 8 million tons, if realized, will be at a record level.

Although Asian rice production is expected to increase substantially over the 1976/77 level, several areas have experienced dry conditions throughout the spring and early summer months. Plantings in Thailand have been delayed and production is expected to decline in 1977/78 to 15 million tons from the record 1976/77 harvest now estimated at 15.5 million tons; further reduction in 1977/78 production prospects couldbe averted if timely rainfall in the last half of July permits the completion of sowing and transplanting. Elsewhere in southeast Asia, notably in Laos, Cambodia, and parts of Vietnam, drought conditions have persisted since early in 1977. Spring planted rice is reported to be in poor condition in major areas of all three countries and the overall rice situation points toward reduced production in 1977/78 and a continued demand for imported foodgrains.

China's 1977/78 total outturn of rice is forecast at 120 million tons compared to an estimated 118 million tons in 1976/77. The outlook for the early crop has been diminished by spring drought followed by torrential rain in Kwangtung, the leading producing province, and by localized flooding or waterlogging in a number of areas in the Yangtze valley. Reasonably normal weather thoughout the remainder of the growing season, however, should enable China to produce larger crops of intermediate and late rice.

Early monsoon performance in India is somewhat better than during the same period a year ago and production is forecast to increase slightly to just over 66 million tons despite a dry area in north central India. Record crops are forecast for Burma, 9.5 million tons compared to 9.3 million tons in 1976/77; Indonesia, 23.5 million tons compared to 22.7 million tons in 1976/77.

Brazil is forecast to produce a near record 1977/78 crop and will account for the bulk of increased rice production in South America. Guyan is also expected to increase production following the drought reduced 1976/77 crop outturn.

* The chances are two out of three that the final rice production estimate will not differ from the initial estimate by more than about 2 percent.

WORLD RICE
PRODUCTION, TRADE AND STOCKS 1)
(IN MILLIONS OF METRIC TONS)

	CY 1975	CY 1976	CY 1977 AS OF JUN 13	CY 1977 AS OF JUL 18	CY 1978
EXPORTS 2)					
AUSTRALIA	0.2	0.3	0.4	0.4	0.3
BURMA	0.3	0.6	0.6	0.6	0.6
ITALY	0.5	0.4	0.3	0.3	0.5
PAKISTAN	0.4	0.9	0.7	0.8	0.8
PRC	1.4	0.9	0.7	0.5	0.5
THAILAND	1.0	1.9	1.8	2.0	1.4
ALL OTHERS	1.3	1.2	1.3	1.2	1.6
TOTAL NON-US	5.1	6.2	5.8	5.8	5.7
U.S.	2.1	2.0	2.2	2.2	2.1
WORLD TOTAL	7.2	8.3	8.0	8.0	7.8
IMPORTS 2)					
BANGLADESH	0.4	0.2	0.2	0.3	0.4
EC-9	0.6	0.9	0.7	0.7	0.7
HONG KONG	0.3	0.3	0.4	0.4	0.3
INDONESIA	0.7	1.3	1.4	1.4	1.5
IRAN	0.4	0.3	0.5	0.5	0.5
KOREA REP OF	0.4	0.2	0.1	0.1	0.0
MALAYSIA, WEST	0.1	0.2	0.2	0.3	0.2
PHILIPPINES	0.1	0.1	0.0	0.0	0.0
SINGAPORE	0.1	0.2	0.2	0.2	0.2
SRI LANKA	0.4	0.4	0.5	0.5	0.3
ALL OTHERS	3.6	4.2	3.9	3.7	3.6
WORLD TOTAL	7.2	8.3	8.0	8.0	7.8
	1974/75	1975/76	1976/77 As of June 13	1976/77 As of July 18	1977/78
PRODUCTION 3)					
BANGLADESH	17.1	18.9	18.9	17.7	18.0
BURMA	8.6	9.2	9.3	9.3	9.5
INDIA	59.4	74.3	65.3	65.3	66.1
INDONESIA	22.5	22.3	22.7	22.7	23.5
JAPAN	15.4	16.5	14.7	14.7	15.2
KOREA REP OF	6.2	6.5	7.2	7.2	7.3
PAKISTAN	3.5	3.9	3.7	3.7	4.0
PRC	120.0	119.0	118.0	118.0	120.0
THAILAND	14.5	15.2	15.2	15.5	15.0
SUB-TOTAL	267.0	285.7	275.1	274.2	278.6
EC-9	1.1	1.0	0.9	0.9	1.1
AUSTRALIA	0.4	0.4	0.5	0.5	0.5
ARGENTINA	0.4	0.3	0.3	0.3	0.3
BRAZIL	7.0	8.5	7.2	7.2	8.4
ALL OTHERS	49.0	51.4	52.3	51.9	53.3
TOTAL NON-US	324.9	347.4	336.4	335.1	342.3
U.S.	5.1	5.8	5.3	5.3	4.7
WORLD TOTAL	330.0	353.3	341.7	340.4	347.0
ENDING STOCKS 4)					
TOTL FOREIGN	11.7	16.8	14.4	14.1	13.3
U.S.	0.2	1.2	1.4	1.5	1.3
WORLD TOTAL	12.0	17.9	15.8	15.6	14.7

1) PRODUCTION IS ON ROUGH BASIS; TRADE AND STOCKS ARE LISTED AS MILLED.
2) TRADE DATA ON CALENDAR YEAR BASIS.
3) THE WORLD RICE HARVEST STRETCHES OVER 6-8 MONTHS. THUS, 1976/77 PRODUCTION REPRESENTS THE CROP HARVESTED IN LATE 1976 AND EARLY 1977 IN THE NORTHERN HEMISPHERE AND THE CROP HARVESTED IN EARLY 1977 IN THE SOUTHERN HEMISPHERE.
4) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERENT LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS BURMA AND THE PEOPLE S REPUBLIC OF CHINA.

The chances are 2 out of 3 that the final rice production estimate will not differ from the initial estimate by more than about 2 percent.

Production in Japan is expected to increase to 15.2 million tons in 1977/78. A continued decline in per capita rice consumption will likely result in a further increase in rice stocks to a new record of 3.8 million tons, 600,000 tons more than the beginning 1977/78 stock level.

World rice trade in calendar 1978 is projected to decline slightly from the estimated 1977 level of 8 million tons as improved production in importing countries such as Sri Lanka and Korea will likely reduce total import demand. Imports by Bangladesh in 1977 have been revised upward to 300,000 tons reflecting an estimated production shortfall from the spring harvested rice crop and are projected to increase to 400,000 tons in 1978. Recent additional purchases by Malayasia to offset drought damage to the rice crop have increased the 1977 import estimate to 270,000 tons, but 1978 imports are expected to return to lower levels.

With an increased 1976/77 production estimate for Thailand, the resulting increased availability of rice and recent additional sales point toward likely exports in 1977 of about 2 million tons. This would be the largest export volume since 1972 when a record 2.1 million tons of rice were exported. Exports for 1978 are expected to be down sharply to about 1.4 million tons reflecting a reduction of rice stock-levels by the end of 1977 and reduced crop prospects. Even this level of exports will require an additional stock decrease in 1978.

Reported PRC export activity in 1977 is down sharply from previous years and the export estimate has been reduced further to about 500,000 tons, compared to an estimated 900,000 tons in 1976, the lowest level since 1961 when 509,000 tons were exported. This is due, in part, to the tight overall PRC grain position.

Pakistan's export difficulties have been partially alleviated and the export estimate for 1977 has been revised upward to 800,000 tons. An expected record crop in 1977/78 should allow exports in 1978 to remain at the 800,000 ton level.

The bulk of the world's rice crop is still in the early growth stages, with Southern Hemisphere crops not yet even planted, and the crop in Asia is subject to the vagaries of monsoon performance in the months ahead. Abnormal weather could therefore substantially alter the above forecast for 1977/78.

WORLD TOTAL GRAIN AREA 1)
(HARVESTED)
(IN MILLIONS OF HECTARES)

	1960 - 1972		1973	1974	1975	1976 2)	1977 3)
	HIGH (1968)	LOW (1961)					
SELECTED EXPORTERS 4)	53.9	41.9	51.6	48.7	50.6	54.3	54.2
USSR	114.3	115.6	118.2	119.1	120.1	120.3	122.5
PRC	74.0	71.9	76.0	77.1	78.4	78.6	78.6
WEST EUROPE	41.6	40.5	41.0	41.4	40.6	40.8	40.4
EAST EUROPE	31.0	32.1	29.6	29.4	29.6	29.5	30.0
BRAZIL	10.7	85.0	13.4	13.4	14.6	15.7	16.1
INDIA	61.9	57.5	65.5	61.5	62.3	60.9	62.8
OTHERS	109.8	23.2	108.9	111.9	113.9	115.9	115.4
TOTAL NON-US	497.2	467.7	504.2	502.5	510.2	516.1	520.0
UNITED STATES	62.1	64.2	63.6	67.9	71.0	72.2	71.3
WORLD TOTAL	559.3	531.9	567.8	570.4	581.2	588.3	591.2

TOTAL GRAIN YIELDS 1)
(BASED ON HARVESTED AREA)
(IN METRIC TONS PER HECTARE)

	1973	1974	1975	1976 2)	1977 3)
SELECTED EXPORTERS 4)	1.82	1.65	1.75	1.95	1.72
USSR	1.78	1.54	1.10	1.76	1.71
PRC	1.20	1.27	1.30	1.34	1.30
WEST EUROPE	3.29	3.43	3.20	3.03	3.39
EAST EUROPE	2.95	3.10	2.97	3.17	3.15
BRAZIL	1.40	1.47	1.37	1.44	1.50
INDIA	0.82	0.77	0.87	0.92	0.85
OTHERS	1.00	1.04	1.11	1.16	1.12
TOTAL NON-US	1.59	1.55	1.45	1.65	1.62
UNITED STATES	3.66	2.94	3.42	3.48	3.57
WORLD TOTAL	1.82	1.71	1.69	1.88	1.86

1) EXCLUDES RICE.
2) PRELIMINARY.
3) PROJECTION BASED ON CONDITIONS TO DATE.
4) ARGENTINA, AUSTRALIA, CANADA, SOUTH AFRICA AND THAILAND.

RICE AREA AND YIELD
SELECTED COUNTRIES & WORLD TOTAL
MILLION HECTARES/MT PER HECTARE

	HARVESTED AREA				COMPARATIVE YIELD 3)			
	1974	1975	1976 1)	1977 2)	1974	1975	1976 1)	1977 2)
ARGENTINA	0.1	0.1	0.1	0.1	3.94	3.55	3.59	3.60
BANGLADESH	9.7	10.3	10.1	10.2	1.76	1.82	1.76	1.76
BRAZIL	5.2	6.0	5.4	5.4	1.33	1.42	1.33	1.56
BURMA	5.0	4.9	5.2	5.2	1.72	1.88	1.79	1.83
COLOMBIA	0.4	0.4	0.4	0.3	4.34	4.34	4.23	4.16
INDIA	37.9	36.5	36.3	38.5	1.57	2.03	1.80	1.72
INDONESIA	8.5	8.5	8.4	8.6	2.64	2.63	2.72	2.73
JAPAN	2.7	2.8	2.8	2.8	5.64	5.95	5.30	5.52
KOREA, REP OF	1.2	1.2	1.2	1.2	5.13	5.32	5.96	5.99
PAKISTAN	1.6	1.7	1.7	1.7	2.16	2.30	2.16	2.32
PHILIPPINES	3.4	3.6	3.6	3.7	1.66	1.61	1.71	1.77
PRC	34.2	[illegible]	35.0	34.7	3.51	3.45	3.37	3.46
THAILAND	8.2	8.5	8.5	8.5	1.76	1.79	1.82	1.76
TAIWAN	0.8	0.8	0.8	0.8	4.27	4.28	4.50	4.48
USSR	0.5	0.5	0.5	0.5	3.86	4.02	3.85	3.85
UNITED STATES	1.0	1.1	1.0	0.9	4.97	5.12	5.39	5.31
OTHERS	16.8	17.6	18.0	17.6	2.27	2.29	2.23	2.35
WORLD TOTAL	137.2	139.0	138.8	140.8	2.40	2.54	2.45	2.46

1) PRELIMINARY
2) PROJECTION
3) ROUGH RICE BASIS

WORLD WHEAT AND FLOUR TRADE
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	14.9	14.8	8.9	8.7	9.0	11.5	13.7	15.6	11.5	11.2	12.1	12.8	12.5
AUSTRALIA	5.6	6.9	7.0	5.4	7.4	9.5	8.7	5.6	5.4	8.2	7.9	8.4	9.4
ARGENTINA	7.9	3.1	1.4	2.7	2.1	1.6	1.3	3.4	1.1	2.2	3.2	5.6	3.4
SUB-TOTAL	28.4	24.9	17.3	16.8	18.4	22.7	23.7	24.6	18.0	21.6	23.2	26.8	25.3
WEST EUROPE	5.0	4.6	5.3	5.1	7.0	3.7	4.5	6.8	5.8	8.3	9.2	5.4	6.5
EAST EUROPE	0.9	1.7	2.3	2.0	1.3	0.9	0.9	0.9	2.0	1.7	1.2	1.5	1.7
USSR	2.6	4.4	5.3	5.8	6.4	7.2	5.8	1.3	5.0	4.0	0.5	1.0	3.0
OTHERS	1.2	0.7	0.6	0.6	0.8	0.3	0.6	1.9	0.7	0.3	0.3	0.9	2.4
TOTAL NON-US	38.1	36.2	30.9	30.4	33.9	34.8	35.5	35.6	31.6	35.9	34.4	35.6	38.8
UNITED STATES	23.4	20.0	20.2	14.7	16.5	19.9	16.9	31.8	31.1	28.0	31.5	25.4	26.9
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	65.9	61.0	65.8
IMPORTS													
JAPAN	3.5	4.3	4.0	4.2	4.4	4.8	5.0	5.5	5.4	5.4	5.9	5.5	5.6
WEST EUROPE	9.9	9.7	7.8	8.6	8.6	11.0	7.9	8.1	6.4	6.1	6.5	5.1	6.5
EAST EUROPE	7.2	5.4	4.9	4.3	4.7	6.7	5.2	4.6	5.6	4.7	4.9	6.0	4.5
USSR	8.5	3.1	1.5	0.2	1.1	0.5	3.5	15.6	4.5	2.5	10.1	5.5	4.0
PRC	6.3	5.0	4.2	3.5	5.1	3.7	3.0	5.3	5.6	5.7	2.2	3.5	9.5
SUB-TOTAL	35.5	27.4	22.4	20.8	24.0	26.7	24.6	39.1	27.6	24.4	29.6	25.6	30.1
AFRICA 1)	3.7	5.2	5.4	3.7	3.9	5.1	5.2	5.1	6.9	7.1	7.9	7.4	9.3
L. AMERICA 2)	3.9	4.6	5.1	4.3	3.9	3.9	4.4	6.2	6.4	5.1	6.3	6.0	6.5
WEST ASIA 3)	1.2	2.0	1.7	1.8	2.4	2.8	4.6	2.0	3.3	4.8	3.1	3.2	3.6
SOUTH ASIA 4)	9.1	9.1	9.3	5.4	5.4	4.4	4.8	5.8	7.5	10.8	10.8	6.1	3.6
OTHER ASIA 5)	1.5	1.4	1.9	2.3	2.8	3.0	3.1	3.0	2.9	2.7	2.5	3.2	3.3
OTHERS	6.4	6.4	5.3	6.6	8.0	8.9	5.7	6.0	8.2	8.9	5.6	9.5	9.3
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	65.9	61.0	65.8

1) ALGERIA, EGYPT, LIBYA, MOROCCO, NIGERIA, SUDAN AND TUNISIA.
2) MEXICO, BRAZIL, CHILE, COLOMBIA, PERU AND VENEZUELA.
3) IRAN, IRAQ, ISRAEL, JORDAN, LEBANON, SAUDI ARABIA, SYRIA AND TURKEY.
4) BANGLADESH, INDIA, INDONESIA, PAKISTAN AND SRI LANKA.
5) REP. OF KOREA, PHILIPPINES AND TAIWAN.

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
DATA EXCLUDE INTRA EC-9 TRADE; U.S. DATA ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WHEAT AND WHEAT FLOUR
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
ALGERIA	401	934	664	700	275	646	885	646	1,585	1,500	1,500	750	1,200
EGYPT	2,344	2,498	2,782	1,940	2,220	2,527	2,670	3,040	3,180	3,490	3,800	4,100	4,400
LIBYA	149	157	184	215	208	234	274	240	288	300	310	310	350
MOROCCO	359	1,012	960	264	255	645	653	461	1,040	1,105	1,235	1,000	1,600
NIGERIA	140	170	130	144	244	385	350	397	326	342	517	700	900
SUDAN	148	209	215	196	119	244	143	93	182	120	203	200	250
TUNISIA	199	256	433	263	539	381	229	237	290	285	301	300	600
SUB-TOTAL	3,740	5,236	5,368	3,722	3,860	5,062	5,204	5,114	6,891	7,142	7,866	7,360	9,300
WEST HEMISPHERE													
MEXICO	7	1	1	1	49	5	409	650	790	832	1	0	700
BRAZIL	2,321	2,637	3,029	2,384	2,070	1,795	1,603	2,942	2,682	1,728	3,705	3,300	3,000
CHILE	311	641	462	350	196	465	540	910	1,126	768	788	735	700
COLOMBIA	236	199	273	256	217	350	446	278	472	339	339	379	390
PERU	501	550	624	564	635	658	663	825	744	858	825	850	950
VENEZUELA	556	591	698	771	753	594	773	635	599	540	671	740	780
SUB-TOTAL	3,932	4,619	5,087	4,326	3,920	3,867	4,434	6,240	6,413	5,065	6,329	6,004	6,520
ASIA													
IRAN	143	220	51	1	1	103	1,116	736	600	1,650	975	1,150	1,300
IRAQ	6	126	315	70	87	156	889	13	549	750	500	400	600
ISRAEL	233	269	282	425	470	475	438	282	363	350	492	458	330
JORDAN	126	172	114	148	125	127	123	181	193	170	200	255	245
LEBANON	260	336	399	289	297	436	448	265	404	298	360	350	375
SAUDI ARABIA	200	240	182	140	290	320	350	310	317	350	350	350	350
SYRIA	70	345	283	193	251	612	698	215	233	191	222	235	430
TURKEY	132	258	45	551	881	568	555	27	607	1,018	20	0	0
SUB-TOTAL	1,170	1,966	1,671	1,817	2,402	2,797	4,617	2,029	3,266	4,777	3,119	3,198	3,630
BANGLADESH	0	0	0	0	0	0	1,071	2,176	1,608	2,057	1,650	480	800
INDIA	7,645	6,576	6,533	3,801	3,039	2,309	1,609	1,014	3,644	5,656	6,660	3,700	300
INDONESIA	20	40	170	335	685	455	487	686	576	846	834	988	1,167
PAKISTAN	1,236	1,759	2,131	756	1,085	1,075	1,027	1,359	999	1,574	1,025	373	600
SRI LANKA	238	742	513	558	563	576	610	561	668	700	638	526	700
SUB-TOTAL	9,139	9,117	9,347	5,450	5,372	4,415	4,804	5,796	7,495	10,833	10,807	6,067	3,567
REP. OF KOREA	600	654	859	1,117	1,670	1,750	1,848	1,779	1,627	1,577	1,445	1,800	1,950
PHILIPPINES	502	494	653	588	560	568	689	613	524	503	550	825	775
TAIWAN	384	264	406	575	580	687	541	657	705	626	527	600	620
SUB-TOTAL	1,486	1,412	1,918	2,280	2,810	3,005	3,078	3,049	2,856	2,706	2,522	3,225	3,345
TOTAL	19,467	22,350	23,391	17,595	18,364	19,146	22,137	22,228	26,921	30,523	30,643	25,854	26,362

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
YEARS BEGINNING JULY 1

WORLD COARSEGRAIN TRADE 1)
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	1.2	1.3	1.2	0.6	1.4	4.2	4.6	4.2	2.9	2.8	4.9	4.7	4.4
AUSTRALIA	0.5	0.9	0.4	0.9	0.9	2.2	3.2	1.6	1.9	2.9	3.2	3.7	3.5
ARGENTINA	3.8	6.5	4.0	5.6	6.0	7.6	6.2	4.2	8.4	8.5	5.3	9.1	8.2
S. AFRICA	0.6	0.9	3.3	2.4	1.1	1.1	3.1	3.3	0.5	3.5	3.3	1.5	2.9
THAILAND	1.2	1.3	1.3	1.3	1.6	1.8	2.3	1.1	2.3	2.2	2.6	2.1	1.7
BRAZIL	0.6	0.6	0.7	1.2	0.6	2.0	0.6	0.5	0.4	1.5	1.7	1.3	1.5
SUB-TOTAL	7.9	11.5	10.9	12.0	11.6	18.9	19.9	15.0	16.3	21.4	21.0	22.6	22.2
WEST EUROPE	2.2	2.6	2.7	3.2	4.1	4.1	5.2	5.1	5.5	4.5	4.9	1.6	4.9
EAST EUROPE	1.2	1.7	2.0	1.5	1.4	1.5	0.6	1.4	2.5	1.2	2.9	1.5	1.8
USSR	2.2	0.8	1.0	1.1	1.1	1.1	0.9	0.4	0.9	1.0	0.0	2.0	1.0
OTHERS	2.9	2.2	2.3	2.8	1.8	1.3	1.3	1.8	1.5	1.2	1.6	2.0	2.0
TOTAL NON-US	16.4	18.9	18.9	20.6	19.9	26.9	28.0	23.8	26.7	29.4	30.4	29.7	32.0
UNITED STATES	25.4	20.9	19.7	16.0	19.2	19.4	20.8	35.6	44.5	34.3	46.5	51.8	43.3
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.8	81.6	75.3
IMPORTS													
JAPAN	5.2	7.2	7.7	8.5	10.0	10.5	10.3	12.0	14.1	13.1	13.5	15.4	16.4
WEST EUROPE	25.3	24.0	22.9	19.6	19.5	24.1	20.4	22.0	26.8	26.7	24.5	34.9	30.1
EAST EUROPE	3.9	2.0	2.5	2.7	2.9	3.6	4.9	5.1	3.8	6.4	6.7	8.4	6.5
USSR	0.0	0.2	0.4	0.5	0.1	0.3	4.3	6.9	6.5	2.7	15.5	5.0	4.0
PRC	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.8	2.1	0.5	0.0	0.0	0.0
SUB-TOTAL	34.5	33.4	33.6	31.3	32.6	38.4	40.4	46.9	53.2	49.5	60.2	63.8	57.0
AFRICA 2)	0.4	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.0	1.1	1.4
L. AMERICA 3)	0.2	0.2	0.2	0.5	0.8	1.3	0.7	1.8	2.8	3.6	2.6	2.6	2.7
ASIA 4)	2.1	3.3	2.9	1.8	2.4	2.6	4.1	4.8	5.0	4.9	5.8	5.7	6.9
OTHERS	4.7	2.7	1.6	2.8	3.1	3.6	3.3	5.4	9.2	4.7	7.2	8.4	7.3
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.8	81.6	75.3

1) CORN, SORGHUM, BARLEY, OATS AND RYE.
2) EGYPT, LIBYA, TANZANIA AND ZAIRE.
3) CHILE, MEXICO AND VENEZUELA.
4) HONGKONG, INDIA, IRAN, IRAQ, ISRAEL, REP. OF KOREA, PHILIPPINES, LEBANON, MALAYSIA AND TAIWAN.

NOTE: DATA EXCLUDE PRODUCTS; INTRA EC-9 TRADE EXCLUDED; ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WORLD COARSEGRAIN TRADE 1)
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
EGYPT	256	114	269	15	64	76	48	130	450	460	500	700	900
LIBYA	17	19	53	48	74	151	121	143	74	125	125	125	125
TANZANIA	15	7	4	0	47	0	43	114	161	291	200	56	100
ZAIRE	72	81	38	95	60	85	95	85	150	180	200	232	260
SUB-TOTAL	360	221	364	158	245	312	307	472	835	1,056	1,025	1,113	1,385
WEST HEMISPHERE													
MEXICO	146	77	114	52	439	571	118	873	1,909	2,806	1,992	1,511	1,680
CHILE	40	68	134	212	250	352	275	318	146	132	15	20	40
VENEZUELA	34	25	1	232	117	392	278	629	743	670	639	1,030	1,000
SUB-TOTAL	220	170	249	496	806	1,315	671	1,820	2,798	3,608	2,646	2,561	2,720
ASIA													
HONG KONG	96	86	117	141	176	158	163	137	150	160	160	160	150
IRAN	5	1	33	71	24	23	276	105	200	415	500	680	800
IRAQ	0	0	0	0	1	1	250	0	0	0	0	30	0
ISRAEL	444	636	647	582	792	735	828	923	968	1,125	1,101	1,087	1,115
LEBANON	141	96	154	110	138	136	213	165	143	170	145	145	175
INDIA	1,163	2,237	1,314	56	314	16	23	480	1,055	446	721	0	0
REP. OF KOREA	112	30	225	298	251	414	624	884	699	998	724	1,400	2,100
MALAYSIA	52	63	68	102	124	169	197	256	229	237	244	254	250
PHILIPPINES	22	37	14	22	11	30	166	116	90	159	54	141	150
TAIWAN	63	83	284	442	580	878	1,353	1,691	1,510	1,195	2,122	1,800	2,200
SUB-TOTAL	2,098	3,269	2,856	1,824	2,411	2,560	4,093	4,757	5,044	4,905	5,771	5,697	6,940
TOTAL	2,678	3,660	3,469	2,478	3,462	4,187	5,071	7,049	8,677	9,569	9,442	9,371	11,045

1) CORN, SORGHUM, BARLEY, OATS AND RYE.

NOTE: DATA EXCLUDE PRODUCTS; TRADE YEARS BEGINNING JULY 1

WHEAT: SUPPLY AND DISAPPEARANCE
CANADA, AUSTRALIA AND ARGENTINA

	AREA	YIELD	PRODUCTION	DOMESTIC USE	EXPORTS 1) JULY-JUNE	EXPORTS 1) MRKT YEAR	END STOCKS 2) MRKT YEAR
			CANADA (MARKETING YEAR AUG/JULY)				
AVERAGE							
1955/56-1959/60	9,187	1.38	12,672	4,329	7,660	7,995	17,141
1960/61-1964/65	10,841	1.35	14,651	4,064	11,034	11,062	13,385
1967/68.....	12,190	1.32	16,137	4,250	8,921	9,145	18,303
1968/69 3).....	11,908	1.49	17,689	4,486	8,710	8,323	23,183
1969/70 3).....	10,102	1.81	18,267	4,568	8,991	9,430	27,452
1970/71 3)	5,052	1.79	9,024	4,650	11,544	11,846	19,980
1971/72.....	7,854	1.83	14,412	4,795	13,723	13,710	15,887
1972/73.....	8,640	1.68	14,514	4,764	15,627	15,692	9,945
1973/74.....	9,575	1.69	16,159	4,601	11,487	11,414	10,089
1974/75.....	8,935	1.49	13,295	4,607	11,186	10,739	8,038
1975/76.....	9,479	1.80	17,078	4,827	12,139	12,254	8,035
1976/77 4).....	11,141	2.11	23,523	4,875	12,800	12,800	13,883
1977/78 5).....	10,000	1.70	17,000	4,983	12,500	12,500	13,400
			AUSTRALIA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,006	1.14	4,572	1,960	2,616	2,803	1,470
1960/61-1964/65	6,396	1.30	8,298	2,124	6,045	6,372	599
1967/68.....	9,082	0.83	7,547	2,672	7,044	5,654	1,737
1968/69.....	10,846	1.36	14,804	2,584	5,380	6,371	7,586
1969/70.....	9,486	1.11	10,546	2,540	7,374	8,047	7,545
1970/71.....	6,479	1.22	7,890	2,625	9,516	9,145	3,665
1971/72.....	7,138	1.21	8,606	2,899	8,670	7,788	1,584
1972/73.....	7,604	0.87	6,590	3,300	5,614	4,309	565
1973/74.....	8,948	1.34	11,987	3,781	5,432	6,789	1,982
1974/75.....	8,308	1.37	11,357	3,025	8,241	8,526	1,788
1975/76.....	8,555	1.40	11,982	2,478	7,871	8,515	2,777
1976/77 4).....	8,899	1.33	11,841	2,525	8,400	9,300	2,793
1977/78 5).....	9,900	1.31	13,000	2,860	9,400	9,500	3,433
			ARGENTINA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,695	1.31	6,151	3,865	2,573	2,477	1,360
1960/61-1964/65	4,720	1.52	7,165	3,647	2,642	3,071	1,415
1967/68 6).....	5,812	1.26	7,320	4,393	1,379	2,199	1,008
1968/69 7).....	5,837	0.98	5,740	3,794	2,742	2,494	850
1969/70.....	5,191	1.35	7,020	4,768	2,082	2,322	780
1970/71.....	3,701	1.33	4,920	4,056	1,625	969	675
1971/72.....	4,315	1.32	5,680	4,356	1,339	1,629	370
1972/73 8).....	4,965	1.39	6,900	4,261	3,352	3,193	269
1973/74.....	3,958	1.66	6,560	4,221	1,106	1,582	1,026
1974/75.....	4,233	1.41	5,970	4,470	2,165	1,784	742
1975/76.....	5,270	1.63	8,570	5,382	3,188	3,160	742
1976/77 4).....	6,385	1.72	11,000	4,742	5,600	6,000	1,000
1977/78 5).....	5,000	1.50	7,500	4,500	3,400	3,500	306
			TOTAL ABOVE THREE COUNTRIES				
AVERAGE							
1955/56-1959/60	17,888	1.31	23,395	10,154	13,051	13,275	19,971
1960/61-1964/65	21,957	1.37	30,114	9,835	19,721	20,505	15,399
1967/68.....	27,084	1.14	31,004	11,315	17,344	16,998	21,048
1968/69.....	28,591	1.34	38,233	10,864	16,832	17,188	31,619
1969/70.....	24,779	1.45	35,833	11,876	18,447	19,799	35,777
1970/71.....	15,232	1.43	21,834	11,331	23,791	21,960	24,320
1971/72.....	19,307	1.49	28,698	12,050	25,834	23,129	17,841
1972/73.....	21,209	1.32	28,004	12,325	24,593	23,194	10,779
1973/74.....	22,481	1.54	34,706	12,603	18,025	19,785	13,097
1974/75.....	21,476	1.43	30,622	12,102	21,592	21,049	10,568
1975/76.....	23,304	1.61	37,630	12,687	23,198	23,929	11,554
1976/77 4).....	26,425	1.75	46,364	12,142	26,800	28,100	17,676
1977/78 5).....	24,900	1.51	37,500	12,343	25,300	25,500	17,139

1) INCLUDES THE WHEAT EQUIVALENT OF FLOUR.
2) NET CHANGES IN FARM STOCKS FOR AUSTRALIA AND ARGENTINA ARE REFLECTED IN DOMESTIC DISAPPEARANCE.
3) IMPORTS OF 1 NEEDED TO BALANCE S&D.
4) PRELIMINARY.
5) PROJECTION.
6) IMPORTS OF 35 NEEDED TO BALANCE S&D.
7) IMPORTS OF 390 NEEDED TO BALANCE S&D.
8) IMPORTS OF 453 NEEDED TO BALANCE S&D.

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC CONSUMPTION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
				CORN (APRIL-MARCH)				
ARGENTINA								
(66)1967/68...	3,450	2.32	8,000	3,828	3,186	2,503	4,153	33
(67)1968/69 1)	3,378	1.94	6,560	3,134	3,968	4,381	3,448	12
(68)1969/70...	3,556	1.93	6,860	3,124	4,346	4,673	3,740	8
(69)1970/71...	4,017	2.33	9,360	3,840	5,333	5,682	5,510	18
(70)1971/72 1)	4,066	2.44	9,930	2,817	4,801	3,792	6,436	696
(71)1972/73 1)	3,147	1.86	5,860	3,981	2,832	3,913	2,040	536
(72)1973/74...	3,565	2.52	9,000	3,892	5,105	5,195	5,066	578
(73)1974/75...	3,486	2.84	9,900	4,615	5,831	4,827	5,399	464
(74)1975/76...	3,070	2.51	7,700	3,897	2,593	2,674	3,517	750
(75)1976/77...	2,766	2.12	5,855	3,262	4,100	4,550	3,238	105
(76)1977/78 2)	2,607	3.26	8,500	4,000	4,000	3,600	4,500	105
(77)1978/79 3)	2,700	2.59	7,000	4,000			3,000	105
				CORN (MAY-APRIL)				
SOUTH AFRICA								
(66)1967/68...	4,589	2.13	9,762	4,471	3,107	3,447	2,899	3,074
(67)1968/69...	4,728	1.12	5,316	4,885	2,168	1,415	2,671	834
(68)1969/70 4)	4,387	1.22	5,340	5,008	1,096	1,511	796	873
(69)1970/71 5)	4,217	1.45	6,132	5,159	915	1,133	1,104	751
(70)1971/72 6)	4,402	1.95	8,600	5,173	2,829	2,912	2,555	1,625
(71)1972/73...	4,578	2.07	9,483	5,540	3,181	2,240	3,562	2,006
(72)1973/74...	3,611	1.15	4,160	5,544	371	1,230	157	465
(73)1974/75...	4,463	2.49	11,105	6,343	3,324	3,290	3,209	2,018
(74)1975/76...	4,488	2.03	9,131	6,351	3,196	2,758	3,234	1,564
(75)1976/77...	4,548	1.61	7,312	6,553	1,470	1,800	1,487	836
(76)1977/78 2)	4,453	2.16	9,622	6,658	2,800	2,800	2,900	900
(77)1978/79 3)	4,500	2.00	9,000	6,500			3,000	400
				CORN (JULY-JUNE)				
THAILAND								
(67)1967/68...	598	2.20	1,315	55	1,214	1,291	1,214	54
(68)1968/69...	606	2.49	1,507	104	1,289	1,298	1,289	168
(69)1969/70...	690	2.46	1,700	176	1,502	1,680	1,502	190
(70)1970/71...	749	2.59	1,938	220	1,663	1,470	1,663	245
(71)1971/72...	824	2.79	2,300	280	2,111	2,045	2,111	154
(72)1972/73...	997	1.32	1,320	300	1,039	1,505	1,039	135
(73)1973/74...	1,044	2.25	2,350	341	2,131	2,138	2,131	13
(74)1974/75...	1,082	2.26	2,450	450	1,979	1,947	1,979	34
(75)1975/76...	1,336	2.25	3,000	560	2,386	2,411	2,386	88
(76)1976/77 2)	1,400	1.93	2,700	700	2,000	1,950	2,000	88
(77)1977/78 3)	1,550	1.61	2,500	950	1,500	1,500	1,500	138
				GRAIN SORGHUM (APRIL-MARCH)				
ARGENTINA								
(66)1967/68 6)	764	1.81	1,380	980	409	413	404	11
(67)1968/69 7)	1,083	1.75	1,897	1,088	1,228	1,354	809	14
(68)1969/70 1)	1,302	1.91	2,484	1,136	1,461	1,624	1,354	9
(69)1970/71 1)	1,872	2.04	3,820	2,212	1,960	2,152	1,603	15
(70)1971/72 1)	2,235	2.09	4,660	2,249	1,141	719	2,215	212
(71)1972/73 1)	1,419	1.66	2,360	1,810	1,060	1,766	474	289
(72)1973/74...	2,131	2.16	4,600	2,243	2,776	3,191	2,420	226
(73)1974/75...	2,324	2.54	5,900	2,772	2,494	2,382	2,838	515
(74)1975/76...	1,938	2.49	4,830	2,375	2,612	3,026	2,370	600
(75)1976/77...	1,834	2.76	5,060	2,061	4,500	4,600	3,539	60
(76)1977/78 2)	2,428	2.88	7,000	2,500	3,700	3,500	4,500	60
(77)1978/79 3)	2,400	2.50	6,000	2,600			3,200	260

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC CONSUMPTION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			GRAIN SORGHUM (APRIL-MARCH)					
AUSTRALIA								
(66)1967/68...	203	1.57	319	297	19	67	22	
(67)1968/69...	187	1.54	288	208	82	34	80	
(68)1969/70...	210	1.40	294	243	73	263	17	34
(69)1970/71...	359	1.52	547	268	517	862	278	35
(70)1971/72...	552	2.35	1,298	222	990	654	1,087	24
(71)1972/73...	638	1.92	1,228	500	712	703	692	60
(72)1973/74...	697	1.46	1,018	299	797	898	633	146
(73)1974/75...	540	1.96	1,061	115	856	901	984	108
(74)1975/76...	511	1.76	901	89	815	915	897	23
(75)1976/77...	504	2.23	1,124	82	1,050	950	972	93
(76)1977/78 2)	550	1.92	1,056	96	1,000	900	950	103
(77)1978/79 3)	650	2.00	1,300	220			1,000	183
			BARLEY (DECEMBER-NOVEMBER)					
AUSTRALIA								
(67)1967/68 8)	1,057	0.79	834	776	129	121	1,247	327
(68)1968/69 9)	1,341	1.23	1,646	1,007	451	508	549	450
(69)1969/70 10	1,521	1.12	1,699	976	641	703	684	501
(70)1970/71...	2,000	1.18	2,351	1,132	1,123	1,236	1,231	489
(71)1971/72...	2,535	1.21	3,065	1,422	1,844	1,732	1,770	362
(72)1972/73...	2,140	0.81	1,727	1,183	804	730	676	230
(73)1973/74...	1,894	1.27	2,398	1,249	809	1,056	1,168	211
(74)1974/75...	1,826	1.38	2,515	884	1,749	1,699	1,656	186
(75)1975/76...	2,329	1.36	3,179	857	1,954	2,237	2,231	277
(76)1976/77 2)	2,272	1.23	2,791	910	2,250	2,000	1,830	328
(77)1977/78 3)	2,500	1.40	3,500	910	2,200	2,400	2,600	318
			BARLEY (AUGUST-JULY)					
CANADA								
(67)1967/68...	3,287	1.67	5,505	4,685	1,059	739	838	2,850
(68)1968/69...	3,583	1.98	7,099	5,161	411	457	447	4,341
(69)1969/70...	3,787	2.13	8,084	6,463	1,179	2,014	1,497	4,465
(70)1970/71...	4,004	2.22	8,889	6,351	3,823	3,920	3,862	3,141
(71)1971/72...	5,657	2.32	13,099	7,944	4,174	4,573	4,468	3,828
(72)1972/73...	5,062	2.23	11,285	7,312	3,864	3,321	3,598	4,203
(73)1973/74...	4,839	2.11	10,224	7,306	2,663	2,577	2,583	4,538
(74)1974/75...	4,775	1.84	8,802	6,444	2,668	3,208	2,792	4,104
(75)1975/76...	4,468	2.13	9,520	6,741	4,161	4,152	4,156	2,727
(76)1976/77 2)	4,339	2.37	10,304	6,403	3,900	3,900	3,900	2,728
(77)1977/78 3)	4,999	2.00	10,000	6,253	3,700	3,700	3,700	2,775
			TOTAL OF ABOVE					
TOTAL								
(67)1967/68...	14,318	1.52	21,715	14,831	9,123	8,581	9,188	4,091
(68)1968/69...	14,985	1.68	25,230	15,783	9,597	9,445	8,192	5,883
(69)1969/70...	16,463	1.90	31,342	19,094	10,298	12,470	12,178	5,975
(70)1970/71...	18,008	2.09	37,666	18,164	15,334	16,455	19,049	6,432
(71)1971/72...	18,798	1.99	37,395	21,458	17,890	16,427	15,136	7,235
(72)1972/73...	18,203	1.82	33,110	20,956	13,492	14,178	13,406	5,983
(73)1973/74...	18,590	2.31	42,938	22,742	14,652	16,285	18,312	7,867
(74)1974/75...	17,690	2.05	36,329	20,574	18,901	18,254	16,445	7,261
(75)1975/76...	17,785	1.97	35,050	20,116	17,717	18,173	18,009	4,186
(76)1976/77 2)	18,049	2.33	41,973	21,267	17,298	19,750	20,580	4,312
(77)1977/78 3)	19,299	2.04	39,300	21,433	18,520	18,400	18,000	4,179

1) IMPORTS OF 1 NEEDED TO BALANCE S&D. 2) PRELIMINARY. 3) PROJECTION. 4) IMPORTS OF 503 NEEDED TO BALANCE S&D. 5) IMPORTS OF 9 NEEDED TO BALANCE S&D. 6) IMPORTS OF 2 NEEDED TO BALANCE S&D. 7) IMPORTS OF 3 NEEDED TO BALANCE S&D. 8) IMPORTS OF 16 NEEDED TO BALANCE S&D. 9) IMPORTS OF 33 NEEDED TO BALANCE S&D. 10) IMPORTS OF 12 NEEDED TO BALANCE S&D.

NOTE: YEARS IN PARANTHESES ARE "DESIGNATED PRODUCTION YEARS", USED FOR PURPOSES OF AGGREGATING WORLD CROPS. SEE FOOTNOTE 6 ON PAGE 2. SPLIT YEARS (EG. 1977/78) DENOTE LOCAL MARKETING YEARS.

WESTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	41.4	2.86	118.4	28.1	11.1	17.0	86.3	140.8	-5.4
1970/71	41.4	2.78	115.0	35.3	7.9	27.4	87.7	143.0	-0.6
1971/72	41.5	3.20	132.8	28.4	9.7	18.7	90.3	148.1	3.4
1972/73	41.4	3.21	132.9	30.1	11.9	18.2	94.4	152.3	-1.2
1973/74	41.0	3.29	134.8	48.1	26.2	21.8	96.0	154.4	2.3
1974/75	41.4	3.43	141.8	32.8	12.8	20.0	96.4	156.3	5.5
1975/76	40.6	3.20	130.0	31.0	14.2	16.8	93.6	153.4	-6.5
1976/77 3)	40.8	3.03	123.7	40.0	7.0	33.0	96.3	156.6	0.2
1977/78 4)	40.4	3.39	136.8	36.5	11.4	25.1	98.4	159.2	2.7
WHEAT									
1969/70	17.4	2.60	45.2	8.6	7.0	1.6	13.7	51.2	-4.4
1970/71	17.1	2.56	43.8	11.1	3.8	7.3	14.3	51.7	-0.6
1971/72	17.1	3.00	51.3	8.0	4.5	3.5	13.9	51.6	3.2
1972/73	16.8	3.05	51.3	8.1	6.8	1.3	16.1	53.2	-0.6
1973/74	16.2	3.14	50.8	6.4	5.8	0.6	12.6	49.4	2.0
1974/75	16.7	3.39	56.7	6.2	8.3	-2.1	13.4	51.5	3.0
1975/76	15.4	3.15	48.5	6.5	9.2	-2.7	10.4	48.6	-2.8
1976/77 3)	16.5	3.09	50.9	5.1	5.4	-0.2	11.9	50.9	-0.2
1977/78 4)	15.4	3.39	52.3	6.5	6.5	-0.0	12.0	50.8	1.5
COARSE GRAINS									
1969/70	24.0	3.05	73.2	19.5	4.1	15.4	72.6	89.6	-1.0
1970/71	24.3	2.93	71.2	24.2	4.1	20.1	73.4	91.3	0.0
1971/72	24.4	3.34	81.5	20.4	5.2	15.2	76.4	96.5	0.2
1972/73	24.6	3.32	81.6	22.0	5.1	16.9	78.3	99.1	-0.6
1973/74	24.8	3.39	84.1	26.8	5.5	21.3	83.4	105.0	0.3
1974/75	24.7	3.45	85.1	26.7	4.5	22.1	83.0	104.8	2.4
1975/76	25.2	3.23	81.5	24.5	4.9	19.5	83.2	104.8	-3.8
1976/77 3)	24.3	3.00	72.8	34.9	1.6	33.3	84.4	105.7	0.4
1977/78 4)	24.9	3.39	84.6	30.1	4.9	25.1	86.4	108.5	1.2

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EUROPEAN COMMUNITY: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	26.9	3.42	92.1	22.0	9.7	12.3	66.8	109.2	-4.8
1970/71	26.9	3.27	88.0	28.7	6.7	22.0	67.3	110.1	-0.1
1971/72	26.9	3.74	100.5	22.2	8.2	14.0	67.8	113.1	1.4
1972/73	26.9	3.84	103.3	22.9	10.1	12.8	71.1	116.6	-0.5
1973/74	26.7	3.97	105.8	23.2	10.5	12.7	71.3	117.2	1.3
1974/75	26.7	4.05	108.2	23.3	10.8	12.4	69.5	116.2	4.5
1975/76	26.3	3.70	97.3	22.4	12.3	10.0	66.9	113.2	-5.9
1976/77 3)	26.2	3.48	91.1	29.8	4.8	25.0	68.5	116.0	0.1
1977/78 4)	26.3	3.96	104.2	24.5	9.6	15.0	69.1	116.3	2.8
WHEAT									
1969/70	11.1	3.22	35.7	7.1	6.0	1.1	12.1	40.8	-4.0
1970/71	10.9	3.18	34.7	9.5	3.4	6.1	12.4	40.8	0.0
1971/72	11.1	3.61	40.1	6.8	4.1	2.7	11.9	41.0	1.8
1972/73	11.1	3.74	41.5	7.0	6.0	1.0	14.3	42.8	-0.3
1973/74	10.8	3.82	41.4	4.9	5.2	-0.3	11.5	40.0	1.1
1974/75	11.2	4.04	45.4	5.0	6.9	-2.0	11.9	40.7	2.7
1975/76	10.5	3.64	38.1	5.4	8.0	-2.6	9.0	37.9	-2.4
1976/77 3)	11.2	3.52	39.6	3.9	4.0	-0.1	10.3	39.7	-0.2
1977/78 4)	10.4	4.02	41.9	4.9	5.4	-0.5	10.6	39.8	1.6
COARSE GRAINS									
1969/70	15.8	3.57	56.4	14.9	3.7	11.2	54.7	68.4	-0.8
1970/71	16.0	3.33	53.3	19.2	3.3	15.9	54.9	69.3	-0.1
1971/72	15.8	3.82	60.4	15.4	4.1	11.3	55.9	72.1	-0.4
1972/73	15.8	3.91	61.8	15.9	4.1	11.8	56.8	73.8	-0.2
1973/74	15.9	4.06	64.4	18.3	5.3	13.0	59.8	77.2	0.1
1974/75	15.5	4.05	62.8	18.3	3.9	14.4	57.6	75.5	1.7
1975/76	15.8	3.74	59.2	16.9	4.3	12.6	57.9	75.3	-3.5
1976/77 3)	15.0	3.44	51.5	25.9	0.8	25.1	58.2	76.3	0.4
1977/78 4)	15.8	3.93	62.2	19.6	4.1	15.5	58.4	76.5	1.2

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EASTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	TOTAL USAGE 1)	STOCKS CHANGE 2)
TOTAL GRAINS								
1969/70	31.0	2.45	75.8	7.6	2.7	4.9	79.7	1.0
1970/71	29.4	2.27	66.7	10.3	2.4	7.9	76.3	-1.7
1971/72	30.3	2.71	82.0	10.3	1.5	8.8	91.1	-0.3
1972/73	30.4	2.87	87.4	9.8	2.4	7.4	95.0	-0.2
1973/74	29.6	2.95	87.2	9.4	4.5	4.9	91.7	0.4
1974/75	29.4	3.10	91.3	11.1	2.9	8.2	98.5	1.0
1975/76	29.6	2.97	88.0	11.6	4.1	7.6	96.3	-0.7
1976/77 3)	29.5	3.17	93.7	14.4	3.0	11.4	103.1	2.0
1977/78 4)	30.0	3.15	94.7	11.0	3.5	7.5	102.3	-0.1
WHEAT								
1969/70	10.9	2.34	25.5	4.7	1.3	3.4	28.5	0.4
1970/71	10.2	2.25	23.0	6.7	0.9	5.8	29.2	-0.4
1971/72	10.7	2.82	30.2	5.2	0.9	4.3	35.2	-0.7
1972/73	10.8	2.84	30.7	4.6	0.9	3.7	34.6	-0.2
1973/74	10.3	3.05	31.5	5.6	2.0	3.7	35.0	0.1
1974/75	10.6	3.22	34.0	4.7	1.7	3.0	35.9	1.2
1975/76	9.9	2.86	28.4	4.9	1.2	3.7	33.7	-1.6
1976/77 3)	10.3	3.35	34.5	6.0	1.5	4.5	38.2	0.9
1977/78 4)	10.3	3.27	33.9	4.5	1.7	2.8	36.7	0.0
COARSE GRAINS								
1969/70	20.1	2.50	50.3	2.9	1.4	1.5	51.2	0.6
1970/71	19.2	2.28	43.7	3.6	1.5	2.1	47.1	-1.3
1971/72	19.6	2.64	51.8	5.1	0.6	4.5	55.9	0.4
1972/73	19.6	2.89	56.7	5.2	1.5	3.7	60.4	0.0
1973/74	19.2	2.90	55.7	3.8	2.5	1.3	56.7	0.3
1974/75	18.9	3.04	57.3	6.4	1.2	5.2	62.6	-0.2
1975/76	19.7	3.03	59.6	6.7	2.9	3.8	62.6	0.8
1976/77 3)	19.3	3.07	59.2	8.4	1.5	6.9	65.0	1.2
1977/78 4)	19.7	3.09	60.8	6.5	1.8	4.7	65.7	-0.2

1) CONSUMPTION ESTIMATES REPRESENT 'APPARENT' CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS FOR THOSE COUNTRIES FOR WHICH NO STOCKS DATA ARE AVAILABLE.
2) INCLUDES YEAR-TO-YEAR FLUCTUATIONS ONLY FOR THOSE COUNTRIES/COMMODITIES FOR WHICH STOCK DATA ARE AVAILABLE.
3) PRELIMINARY.
4) PROJECTION.

SELECTED WORLD GRAIN PRICES, CIF ROTTERDAM 1/
(In U.S. dollars per metric ton)

	WHEAT			CORN	SORGHUM
	U.S. No. 2 Dark Northern Spring 14%	U.S. No. 2 Hard Winter 13½%	2/ Canadian Western Red Spring 13½%	U.S. No. 3 Yellow Corn	U.S. No. 2 Yellow Sorghum
1970/71 (July-June)	73.71	71.19	74.13	69.07	68.20
1971/72 (July-June)	69.74	66.69	72.42	57.01	60.80
1972/73 (July-June)	100.14	92.50	101.97	77.12	78.64
1973/74 (July-June)	202.95	200.35	214.40	132.90	127.20
1974/75 (July-June)	204.26	189.05	209.65	143.18	135.53
1975/76 (July-June)	187.15	177.70	195.12	128.80	122.50
1974					
January	239.65	229.65	239.20	136.20	133.00
February	240.50	231.85	243.90	142.90	136.80
March	227.85	224.50	240.15	146.45	137.00
April	182.30	183.35	214.30	131.90	124.90
May	180.50	170.50	185.45	129.50	116.10
June	209.15	177.10	204.10	133.05	117.00
July	213.85	190.70	216.25	139.75	123.60
August	217.40	194.00	215.80	139.05	138.00
September	214.25	203.55	213.05	152.75	142.20
October	232.60	229.65	233.95	163.40	161.00
November	233.20	228.90	236.80	164.55	163.00
December	227.80	219.35	231.85	159.60	159.70
1975					
January	203.90	194.75	208.75	143.30	135.50
February	192.04	180.20	198.16	137.13	127.30
March	178.70	175.85	181.90	135.25	124.50
April	181.77	159.25	192.10	130.34	127.11
May	180.83	145.85	192.58	123.49	116.39
June	174.76	146.50	195.00	129.60	108.08
July	185.35	174.35	205.05	140.90	118.20
August	195.95	187.65	210.20	147.45	134.90
September	203.90	195.10	228.20	138.20	132.30
October	193.20	185.00	219.35	132.35	128.75
November	182.50	172.65	NA	121.68	122.05
December	187.45	166.50	NA	118.65	119.55
1976					
January	183.45	168.30	NA	118.45	118.50
February	194.90	183.10	NA	121.30	119.90
March	194.35	182.85	174.50 3/	122.05	120.25
April	174.35	175.55	166.32 3/	122.24	115.18
May	177.80	169.05	168.85 3/	129.35	119.60
June	181.30	172.20	188.50 3/	133.00	120.90
July	176.46	175.70	174.55 3/	133.80	121.05
August	158.15	159.45	158.10	128.10	117.30
September	148.40	149.50	155.00	132.25	119.55
October	138.25	138.90	145.00	119.95	113.45
November	137.30	130.84	140.70	108.80	105.90
December	139.00	131.80	136.77	111.10	107.70
1977					
January	145.50	134.85	143.60	123.00	111.20
February	147.75	133.30	146.00	123.90	112.35
March	134.30	131.80	135.40	117.15	104.80
April	130.15	127.65	133.10	115.45	100.10
May	124.30	118.30	131.85	110.20	97.15
June 4/	114.45	112.20	124.50	103.05	91.70
June 7	116.50	115.00	127.00	110.25	97.50
14	111.00	110.25	123.00	102.00	90.30
21	115.00	112.00	124.50	100.50	90.00
28	115.25	111.50	123.50	99.50	89.00
July 5	113.00	110.00	123.00	97.00	88.00
12	112.00	109.75	122.50	95.25	87.50

1/ Hamburg Mercantile Exchange prices for Rotterdam. Averages: basis daily market quotes. 30 days delivery.
2/ Prior to September 1971 prices for No. 2 Manitoba Northern.
3/ Canadian No. 2 CWRS - 12.5 percent protein.
4/ Basis June-July Agricultural Attache the Hague prices.

U.S.: TOTAL GRAINS
SUPPLY/DISTRIBUTION

	BEGINNING STOCKS	HARVESTED AREA	YIELD	PRODUCTION	IMPORTS	EXPORTS	FEED USAGE	TOTAL CONSUMPTION
	MILLION METRIC TONS/MILLION HECTARES							
TOTAL GRAINS								
1961/62	115.7	64.2	2.5	161.0	0.6	35.4	112.2	140.2
1962/63	101.7	59.7	2.7	159.3	0.3	33.2	108.5	136.9
1963/64	91.2	61.5	2.8	171.5	0.4	40.6	106.0	135.0
1964/65	87.5	60.1	2.6	157.4	0.3	39.4	104.6	133.6
1965/66	76.5	59.5	3.0	180.0	0.3	49.6	119.6	149.0
1966/67	58.2	60.3	3.0	180.4	0.3	41.4	118.3	148.0
1967/68	49.5	65.0	3.1	203.8	0.2	42.2	118.5	148.7
1968/69	62.6	62.1	3.2	197.7	0.2	31.5	127.1	157.2
1969/70	71.8	58.5	3.4	200.9	0.4	35.4	134.6	164.7
1970/71	73.0	58.3	3.1	183.0	0.3	39.1	131.8	162.6
1971/72	54.6	63.0	3.7	233.8	0.3	41.1	143.2	174.2
1972/73	73.4	57.5	3.9	224.0	0.4	70.2	147.5	180.0
1973/74	48.0	62.8	3.7	233.0	0.3	74.2	143.3	176.1
1974/75	31.0	67.7	2.9	199.3	0.6	63.6	107.0	140.1
1975/76	27.3	71.0	3.4	243.0	0.5	82.0	118.2	153.4
1976/77	35.5	72.5	3.5	251.5	0.4	75.4	115.1	150.8
1977/78	61.2	70.9	3.6	254.1	0.3	70.8	125.6	161.8
1978/79	83.0							
WHEAT								
1971/72	22.4	19.3	2.3	44.0	0.0	16.6	7.0	23.0
1972/73	26.8	19.1	2.2	42.0	0.0	30.8	5.5	21.7
1973/74	16.3	21.8	2.1	46.4	0.1	33.1	3.7	20.4
1974/75	9.2	26.5	1.8	48.9	0.1	27.7	1.9	18.6
1975/76	11.8	28.2	2.1	58.1	0.1	31.9	2.2	20.0
1976/77	18.1	28.7	2.0	58.4	0.1	25.8	3.1	20.6
1977/78	30.2	26.9	2.1	55.6	0.1	27.2	6.4	23.9
1978/79	34.8							
COARSE GRAINS								
1971/72	32.2	43.7	4.3	189.8	0.3	24.5	136.2	151.2
1972/73	46.6	38.4	4.7	182.0	0.4	39.4	142.0	158.0
1973/74	31.7	41.6	4.5	186.6	0.2	41.1	139.6	155.6
1974/75	21.8	41.1	3.7	150.5	0.5	35.9	105.1	121.4
1975/76	15.4	42.8	4.3	184.9	0.4	50.0	116.0	133.4
1976/77	17.4	43.9	4.4	193.1	0.3	49.6	112.0	130.2
1977/78	31.0	44.3	4.5	198.5	0.2	43.6	119.2	137.9
1978/79	48.2							
	MILLION BUSHELS/MILLION ACRES							
WHEAT								
1973/74	599	53.9	31.6	1705	3	1217	137	751
1974/75	339	65.6	27.4	1796	3	1018	71	685
1975/76	435	69.6	30.7	2135	2	1173	81	735
1976/77	664	70.8	30.3	2147	3	950	114	755
1977/78	1109	66.5	30.7	2044	2	1000	235	878
1978/79	1277							
CORN								
1973/74	709	61.9	91.2	5647	1	1243	4193	4631
1974/75	483	65.4	71.3	4664	2	1149	3191	3641
1975/76	359	67.2	86.3	5797	2	1711	3558	4049
1976/77	398	71.1	87.4	6216	1	1650	3550	4065
1977/78	900	70.8	89.4	6331	1	1450	3800	4330
1978/79	1452							
SORGHUM								
1973/74	73	15.9	58.5	930	0	234	702	708
1974/75	61	13.9	45.3	629	0	212	437	443
1975/76	35	15.5	49.0	760	0	229	508	514
1976/77	52	14.9	48.6	724	0	240	420	426
1977/78	110	14.1	51.0	719	0	225	430	436
1978/79	168							
BARLEY								
1973/74	192	10.5	40.2	422	9	93	239	384
1974/75	146	8.2	37.1	304	20	42	187	336
1975/76	92	8.7	44.1	384	16	24	192	339
1976/77	129	8.4	44.9	377	10	65	168	323
1977/78	127	9.6	41.2	396	10	40	180	338
1978/79	155							
OATS								
1973/74	461	14.1	47.3	667	0	57	675	763
1974/75	308	13.2	46.5	614	0	19	595	679
1975/76	224	13.6	48.4	658	1	14	574	661
1976/77	208	12.4	45.3	562	1	10	504	593
1977/78	168	14.3	49.4	707	0	10	525	615
1978/79	250							
RYE								
1973/74	39	1.0	26.0	26	0	28	10	23
1974/75	14	0.9	21.1	19	0	6	9	21
1975/76	7	0.8	22.5	18	1	1	9	20
1976/77	5	0.8	21.2	17	1	1	8	18
1977/78	5	0.8	25.5	20	0	1	10	21
1978/79	3							

NOTES: TOTAL GRAINS INCLUDE WHEAT, CORN, SORGHUM, BARLEY, OATS AND RYE.
COMMODITY YEARS AS FOLLOWS: JUNE/MAY - WHEAT, BARLEY, OATS AND RYE.
OCTOBER/SEPTEMBER - CORN AND SORGHUM.
DOES NOT INCLUDE CANADIAN TRANSSHIPMENTS; INCLUDES MAJOR PRODUCTS

U.S. RICE
SUPPLY/DISTRIBUTION
August/July Marketing Year

	Area Harvested	Yield	Rough Production	Beginning Stocks	Milled Production	Imports	Exports	Total Consumption 1/
	Thousand Metric Tons/Thousand Hectares							
1960/61	645	3.84	2477	395	1756	9	919	911
1961/62	643	3.82	2459	330	1763	13	936	997
1962/63	718	4.17	2996	173	2133	1	1119	937
1963/64	717	4.45	3188	251	2295	1	1385	917
1964/65	723	4.59	3318	245	2386	15	1387	1008
1965/66	725	4.77	3460	251	2497	22	1418	1081
1966/67	796	4.84	3856	271	2805	-	1719	1079
1967/68	797	5.09	4054	278	2950	-	1887	1119
1968/69	952	4.96	4723	222	3459	-	1819	1330
1969/70	861	4.84	4168	532	3003	7	1791	1215
1970/71	734	5.18	3801	536	2796	48	1474	1295
1971/72	736	5.28	3889	611	2837	36	1808	1304
1972/73	736	5.26	3874	372	2828	17	1733	1317
1973/74	878	4.79	4209	167	3035	7	1607	1347
1974/75	1026	4.97	5098	255	3667	-	2207	1483
1975/76	1134	5.12	5806	232	4077	-	1744	1390
1976/77	985	5.39	5307	1175	3821	-	2150	1366
1977/78			4736	1480	3410	-	2113	1441
1978/79				1336				
	Million Hundredweight/Million Acres							
1971/72	1.8	47.67	85.8	18.6		1.1	56.9	37.2
1972/73	1.8	47.44	85.4	11.4		.5	54.0	38.2
1973/74	2.2	42.18	92.8	5.1		.2	49.7	40.6
1974/75	2.5	44.96	112.4	7.8		-	69.5	43.6
1975/76	2.8	45.71	128.0	7.1		-	56.5	41.7
1976/77	2.5	46.80	117.0	36.9		-	69.2	42.8
1977/78	2.2	47.40	104.4	45.3		-	64.7	44.2
1978/79				40.8				

1/ Includes statistical discrepancy in Supply/Use Report.

SOURCE: Agricultural Supply Demand Estimate Report. The two 1977/78 projections represent Alternatives I and II respectively.

WORLD WHEAT S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	214.6	1.44	54.2	308.7	58.1	281.9
1967/68	219.3	1.36	81.0	297.3	53.5	289.8
1968/69	224.2	1.47	88.4	328.6	49.8	304.6
1969/70	217.9	1.42	112.4	309.9	55.2	326.9
1970/71	206.9	1.53	95.4	315.7	53.4	339.1
1971/72	212.8	1.64	72.0	348.2	55.6	341.4
1972/73	210.8	1.63	78.8	343.3	70.8	361.2
1973/74	216.5	1.72	61.0	371.6	72.6	363.5
1974/75	220.5	1.62	69.1	356.4	68.0	363.0
1975/76	226.8	1.54	62.5	349.3	73.1	349.1
1976/77 4)	231.9	1.78	62.7	412.7	65.1	375.1
1977/78 5)	230.3	1.76	100.3	405.5	69.3	399.6
1978/79 5)			106.2			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIS FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	329.8	1.57	67.1	517.7	43.0	516.8
1967/68	334.9	1.62	68.1	541.4	44.6	532.5
1968/69	334.9	1.63	77.0	545.7	39.8	541.7
1969/70	338.4	1.69	81.0	570.9	47.1	570.2
1970/71	339.6	1.68	81.7	569.1	53.3	585.7
1971/72	340.9	1.82	65.1	621.9	55.5	608.6
1972/73	338.0	1.78	78.4	602.7	69.0	620.5
1973/74	351.3	1.88	60.6	660.9	80.9	665.3
1974/75	349.2	1.78	56.2	620.4	69.5	625.1
1975/76	354.4	1.79	51.5	634.7	88.7	635.3
1976/77 4)	356.4	1.94	50.9	692.1	83.2	673.9
1977/78 5)	360.9	1.92	69.1	691.5	78.5	671.1
1978/79 5)			89.6			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD WHEAT & COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	544.4	1.52	121.3	826.4	101.1	798.7
1967/68	554.2	1.51	149.1	838.7	98.1	822.3
1968/69	559.1	1.56	165.4	874.3	89.6	846.3
1969/70	556.3	1.58	193.4	880.8	102.3	897.1
1970/71	546.5	1.62	177.1	884.8	106.7	924.8
1971/72	553.7	1.75	137.1	970.1	111.1	950.0
1972/73	548.8	1.72	157.2	946.0	139.8	981.7
1973/74	567.8	1.82	121.6	1032.5	153.5	1028.8
1974/75	569.7	1.71	125.2	976.8	137.5	988.1
1975/76	581.2	1.69	114.0	984.0	161.8	984.4
1976/77 4)	588.3	1.88	113.6	1104.8	148.3	1049.0
1977/78 5)	591.2	1.86	169.4	1097.0	147.7	1070.6
1978/79 5)			195.8			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD RICE S & D 1)
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD 2)	PRODUCTION ROUGH	PRODUCTION MILLED	BEGINNING 3) STOCKS	TOTAL 4) EXPORTS	TOTAL 5) CONSUMPTION
1966/67	466.2	0.57	265.1	801.3	75.2	62.9	789.5
1967/68	465.1	0.62	286.5	796.5	87.0	75.9	811.1
1968/69	479.6	0.60	289.0	856.3	72.4	87.7	857.5
1969/70	481.2	0.62	299.9	823.1	71.2	76.9	824.2
1970/71	485.8	0.64	309.3	843.7	69.2	96.7	843.4
1971/72	488.0	0.64	313.9	904.1	69.5	91.3	888.7
1972/73	491.8	0.62	302.9	896.2	84.9	86.6	883.8
1973/74	135.1	2.40	324.3	219.0	96.8	7.7	216.7
1974/75	137.2	2.40	330.0	222.9	12.5	7.6	223.4
1975/76	139.0	2.54	353.3	238.5	12.0	7.9	232.6
1976/77 6)	138.8	2.45	340.4	229.9	17.9	8.0	232.2
1977/78 7)	140.8	2.46	347.0	234.0	15.6	8.0	235.4
1978/79 7)					14.2		

1) PRODUCTION IS EXPRESSED ON BOTH ROUGH AND MILLED BASIS; STOCKS, EXPORTS AND CONSUMPTION ARE EXPRESSED ON MILLED BASIS.
2) BASED ON ROUGH PRODUCTION.
3) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLS STOCK LEVELS AT A FIXED POINT IN TIME. COMPARARABLE DATA NOT AVAILABLE FOR YEARS PRIOR TO 1966/67.
4) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
5) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, CONSUMTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
6) PRELIMINARY.
7) PROJECTION.

WORLD TOTAL GRAINS S & D *
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	669.7	1.63	131.5	1004.3	108.5	978.2
1967/68	681.2	1.65	157.7	1031.2	105.0	1011.5
1968/69	687.4	1.69	177.3	1069.7	96.4	1038.5
1969/70	688.3	1.72	208.5	1083.4	109.8	1097.1
1970/71	677.8	1.76	194.8	1093.7	114.6	1132.8
1971/72	685.3	1.87	155.7	1182.0	119.2	1164.6
1972/73	678.8	1.84	173.1	1150.1	148.0	1191.5
1973/74	702.6	1.93	131.8	1251.5	161.2	1245.5
1974/75	707.0	1.85	137.7	1199.7	145.1	1211.4
1975/76	720.2	1.86	126.0	1222.5	169.7	1217.0
1976/77 4)	727.1	1.99	131.5	1334.7	156.3	1281.2
1977/78 5)	732.0	1.97	185.0	1331.0	155.7	1306.1
1978/79 5)			209.9			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED TO INCLUDE YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS. RICE STOCKS PRIOR TO 1966/67 ARE NOT AVAILABLE.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE AND CALENDAR YEAR TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

NOTE: INCLUDES WHEAT, COARSE GRAINS, AND RICE. YIELD IS CALCULATED ON ROUGH (PADDY) BASIS. PRODUCTION, TRADE, AND CONSUMPTION ARE EXPRESSED ON MILLED BASIS FOR RICE.

FOOTNOTES TO WORLD GRAIN SUMMARY TABLES
(TABLES ON PAGES 2,4,5)

1) Wheat, wheat flour, corn, barley, oats, sorghum, and rye excluding products.

2) Argentina, Australia, Canada, Brazil, South Africa, and Thailand. Trade figures exclude South African wheat. Production figures exclude Brazilian and South African wheat.

3) Adjusted for transshipments through Canadian ports: Excludes products other than flour.

4) Wheat, rye, corn, barley, oats, sorghum, millet, and mixed grains.

5) Production data include all harvests occurring within the July-June year indicated, except that small grain crops from the early harvesting Northern Hemisphere areas are "moved forward;" i.e., the May 1976 harvests in areas such as India, North Africa, and southern United States are actually included in "1976/77" accounting period which begins July 1, 1976.

6) "Bunker weight" basis; not discounted for excess moisture and foreign material.

7) Consumption data are based on an aggregate of differing local marketing years. For countries for which stocks data are not available (excluding the USSR) consumption estimates represent "apparent" consumption, i.e., they are inclusive of annual stock level adjustments.

8) Stocks data are based on an aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as the People's Republic of China, and parts of Eastern Europe: The world stock levels have been adjusted for estimated year-to-year changes in the USSR grain stocks, but do not purport to include the entire absolute level of USSR stocks.

9) Inclusive of Soviet stock changes: See footnote 8.

10) Corn, barley, oats, sorghum, and rye, excluding products.

11) Corn, barley, oats, rye, sorghum, millet, and mixed grains.

NOTE: Projections included for the U.S. in all the tables are the levels agreed to in the latest agricultural supply-demand estimates report.

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FG-12-77
August 10, 1977

Third Forecast of 1977 Soviet Grain Crop 1/

Based on conditions as of the end of July and an estimated harvest area of 129 million hectares, a total Soviet grain crop of 220 million metric tons is indicated for 1977.2/ This is 5 million tons less than the 225 million tons forecasted in early July but still above the Soviet plan figure of 213 million tons.

It is currently estimated that the 1977 Soviet grain crop will include 105 million tons of wheat and 100 million tons of coarse grains. The wheat estimate has been reduced by 5 million tons from the forecast of early July and the decrease is attributable to spring wheat which is estimated at 45 million tons. (In 1976 total Soviet wheat production was 96.9 million tons, and spring wheat accounted for 52.3 million tons.) The current estimates of coarse grains and miscellaneous grains are unchanged from the July forecast.

Conditions in the European USSR, the main area of winter grain production, remained quite moist most of July. However, late in the month, in all but the northwest, warm, drier weather facilitated harvesting the winter grain crop. In the northwest - Byelorussia, the Baltics and part of the non-black soil zone - harvest continues to be affected by wet weather. These areas account for about 5 percent of all Soviet grain production. On balance, a winter grain crop of record proportions - about a tenth greater than the 63 millions of 1973 - is likely. But, it must be noted that since the basis of the Soviet grain production estimate is bunker weight measurement, wet harvest conditions may mean higher than usual waste losses in the European USSR.

1/ The second forecast of the 1977 grain crop was issued July 8, 1977, FG-10-77.

2/ Prepared by USDA Inter-Agency Task Force on USSR Grain Situation. The following USDA agencies participate as members of the USSR Task Force: Foreign Agricultural Service, Economic Research Service, Agricultural Stabilization and Conservation Service, Agricultural Marketing Service and the Office of the General Sales Manager.

At this stage of the harvesting season the probability that the final, official grain crop estimate will exceed 220 million metric tons is less than the likelihood of a significant reduction. Thus, the likelihood is two out of three that the final, official grain crop figure will total between 205 and 230 million metric tons.

Conditions in the Soviet spring wheat regions generally appear to indicate no better than average or near-average yields. After seeding in mid to late May, relatively hot, dry weather generally prevailed for 5-6 weeks and the normal June rains did not come until in July. These rains, however, were mostly in the form of local thundershowers rather than general precipitation covering a wide area. This pattern of rainfall has had the effect of causing the 1977 spring wheat crop to mature 10-14 days earlier than usual and also to cause actual crop conditions to vary more than usual from locality to locality. The Southern Urals and Western Kazakhstan, particularly, have been dry this season. The main part of the spring wheat harvest is expected to start about August 10.

The current harvested area estimate of 129 million hectares is based on a mid-year report issued by the Soviet Government. The estimate used in the early July forecast was 130 million hectares.

USSR Grains: Area Yield and Production
1971-1977 (forecast)

	Winter Wheat	Spring Wheat	Total Wheat	Coarse 1/ Grains	Other 2/ Grains	Total 3/ Grains
Harvested area (mil. ha.)						
1971	20.7	43.3	64.0	46.4	7.4	117.9
1972	15.0	43.5	58.5	53.5	8.0	120.2
1973	18.3	44.8	63.1	55.2	8.2	126.7
1974	18.6	41.1	59.7	59.4	7.9	127.2
1975	19.6	42.4	62.0	58.1	7.7	127.9
1976	17.2	42.2	59.5	61.0	7.2	127.7
1977 (Forecast)	22	42	64	58	7	129
Yield (mt/ha.)						
1971	2.31	1.18	1.54	1.56	1.28	1.54
1972	1.96	1.30	1.47	1.36	1.19	1.40
1973	2.70	1.35	1.74	1.83	1.40	1.76
1974	2.40	0.95	1.41	1.68	1.47	1.54
1975	1.87	0.70	1.07	1.13	1.01	1.10
1976	2.59	1.24	1.63	1.88	1.65	1.75
1977 (Forecast)	2.7	1.1	1.6	1.7	2.1	1.7
Production (mil. mt)						
1971	47.8	51.0	98.8	72.6	9.5	181.2
1972	29.4	56.6	86.0	72.5	9.5	168.2
1973	49.4	60.3	109.8	101.0	11.5	222.5
1974	44.7	39.2	83.9	99.7	11.6	195.7
1975	36.7	29.6	66.1	65.8	7.8	140.1
1976	44.6	52.3	96.9	115.0	11.9	223.8
1977 (Forecast)	60	45	105	100	15	220

NOTE: Totals may not add because of rounding.

1/ Includes barley, oats, rye, corn and millet. 2/ Includes rice, buckwheat, pulses and other miscellaneous grains. 3/ Includes wheat, coarse grains and other grains.

USDA USSR Task Force, August 9, 1977.

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August 18, 1977

WORLD GRAIN SITUATION: 1977/78 Crop and Trade Developments

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TOTAL WHEAT AND COARSEGRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 JUL 18	1977/78 AUG 18
EXPORTS 1)						
SELECTED EXPORTERS 2)	34.3	43.0	44.2	49.8	47.5	46.5
WEST EUROPE	11.3	12.8	14.2	8.0	11.4	12.0
USSR	5.9	5.0	0.5	3.0	4.0	4.0
OTHERS	6.7	4.4	6.0	5.9	7.9	9.6
TOTAL NON-US	58.2	65.2	64.9	66.7	70.9	72.0
U.S 3)	75.6	62.4	78.0	77.3	70.2	70.2
WORLD TOTAL	133.7	127.6	142.9	144.0	141.1	142.2
IMPORTS						
WEST EUROPE	33.2	32.8	31.0	40.0	36.5	34.2
USSR	11.0	5.2	25.6	10.0	8.0	9.0
JAPAN	19.5	18.5	19.4	20.9	22.1	22.1
EAST EUROPE	9.4	11.1	11.6	14.4	11.0	11.2
OTHERS	60.7	59.9	55.2	58.6	63.5	65.8
WORLD TOTAL	133.7	127.6	142.9	144.0	141.1	142.2
(+ INTRA EC-9)	148.6	139.1	157.7	156.9	154.6	155.7
PRODUCTION 4) 5)						
SELECTED EXPORTERS 2)	109.1	95.6	105.2	122.8	111.7	109.6
WEST EUROPE	134.8	141.8	130.0	123.7	136.8	138.4
USSR 6)	210.7	183.5	132.0	211.9	210.0	205.0
EAST EUROPE	87.2	91.3	87.8	93.9	94.7	94.7
PRC	91.5	98.0	102.0	105.0	102.0	102.0
OTHERS	165.8	167.2	183.8	196.0	187.7	186.9
TOTAL NON-US	799.1	777.5	740.9	853.3	842.9	836.6
U.S.	233.0	199.3	243.0	251.5	254.1	249.1
WORLD TOTAL	1032.1	976.8	983.9	1104.8	1097.0	1085.6
CONSUMPTION 4) 7						
WEST EUROPE	154.4	156.3	153.4	156.0	159.2	159.0
USSR 6)	200.8	192.8	166.2	202.9	196.0	195.0
PRC	99.1	104.1	104.1	108.4	111.4	111.4
OTHERS	397.9	394.7	407.1	431.7	442.2	441.4
TOTAL NON-US	852.3	847.8	830.8	899.0	908.8	906.9
U.S.	176.1	140.2	153.4	150.7	161.8	161.4
WORLD TOTAL	1028.4	988.1	984.2	1049.7	1070.6	1068.3
END STOCKS 4) 8)						
TOTAL FOREIGN 9)	94.2	86.9	78.2	108.0	112.8	108.2
USSR: STKS CHG	15.0	-9.0	-9.0	16.0	18.0	15.0
US	31.0	27.1	35.4	60.8	82.9	78.0
WORLD TOTAL 9)	125.2	114.0	113.7	168.8	195.8	186.2

SEE FOOTNOTES PAGE 29

* TOTAL SOVIET GRAIN PRODUCTION IS CURRENTLY PROJECTED AT 220 MILLION METRIC TONS. THIS FIGURE INCLUDES RICE, PULSES AND OTHER MISCELLANEOUS GRAIN NOT INCLUDED IN THE ABOVE AGGREGATES.

* BASED ON ANALYSIS OF PAST FORECASTING ERROR AND THE JUDGMENT OF REVIEWING ANALYSTS, THE LIKELIHOOD IS AT LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION ESTIMATE FOR WHEAT AND COARSE GRAINS WILL DIFFER FROM THIS MONTH'S ESTIMATE BY MORE THAN ABOUT 4 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND USSR, THE CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THIS ESTIMATE BY MORE THAN ABOUT 1 PERCENT.

Wheat and Coarse Grains

The most significant developments in the world wheat and coarse grain situation since the last report in this series 1/ have been some relatively small changes in production forecasts, including decreases for both the U.S. and the USSR. These and other smaller production forecast changes, have reduced the 1977 world grain crop forecast by about 1 percent and also reduced the global stocks buildup projected for the end of the 1977/78 season. Revisions of prospective trade volumes for 1977/78 have been generally offsetting; most notable changes, however are the lowering of the estimate of net imports for Western Europe and the increase in the forecast of India's wheat exports.

The current forecast of 1086 million metric tons for 1977 world wheat and coarse grain production is about 11.0 million tons below last month's estimate. This would still leave this year's crop as the second largest, down only 1.8 percent from last year's record level. The decrease since mid-July is mainly a result of a 5 million ton reduction in wheat crop prospects in the USSR plus a 5.6 million ton decline in the U.S. coarse grain production estimate. Based on poor weather conditions during the last month, several exporter nation crop forecasts are also down.

Crop Conditions

The 5 million ton decrease in the 1977 USSR production estimate, all in wheat, is reflected in a smaller than expected stock buildup. This reduction in the wheat estimate is due to the poor spring wheat conditions; the winter wheat crop is expected to exceed substantially the record of 49.4 million tons harvested in 1973. Although the wheat harvest activities in large parts of the European USSR were hampered by rains in July, the weather has recently improved, facilitating the

Based on analysis of past forecasting error and the judgment of reviewing analysts, the likelihood is at least two out of three that the final global production estimate for the total of wheat and coarse grains will not differ from this month's estimate by more than about 4 percent. However, for the world excluding both the U.S. and USSR, the chances are two out of three that the final production estimate will not differ from this estimate by more than 1 percent. For rice this margin is estimated at about 2 percent for total world production.

1/ The previous report in this series was Foreign Agriculture Circular, FG 11-77, World Grain Outlook for 1977/78, July 18, 1977.

WORLD WHEAT AND WHEAT FLOUR:
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 JUL 18	1977/78 AUG 18
EXPORTS						
CANADA	11.5	11.2	12.1	12.9	12.5	12.5
AUSTRALIA	5.4	8.2	7.9	8.6	9.4	9.4
ARGENTINA	1.1	2.2	3.2	5.6	3.4	3.2
SUB-TOTAL	18.0	21.6	23.2	27.2	25.3	25.1
WEST EUROPE	5.8	8.3	9.2	5.4	6.5	6.8
USSR	5.0	4.0	0.5	1.0	3.0	3.0
OTHERS	2.7	2.0	1.6	2.4	4.0	5.6
TOTAL NON-US	31.5	35.9	34.5	35.9	38.8	40.5
U.S. 3)	31.1	28.0	31.5	25.4	26.9	26.9
WORLD TOTAL	62.6	63.9	66.0	61.4	65.8	67.5
IMPORTS						
WEST EUROPE	6.4	6.2	6.5	5.1	6.5	6.9
USSR	4.5	2.5	10.1	4.5	4.0	4.5
JAPAN	5.4	5.4	5.9	5.5	5.6	5.6
EAST EUROPE	5.6	4.7	4.9	6.0	4.5	4.6
PRC	5.6	5.7	2.2	3.5	9.5	9.5
OTHERS	35.1	39.5	36.4	36.8	35.6	36.3
WORLD TOTAL	62.6	63.9	66.0	61.4	65.8	67.5
(+ INTRA EC-9)	69.1	68.6	72.5	67.5	72.3	74.0
PRODUCTION 6)						
CANADA	14.2	13.3	17.1	23.5	17.0	16.0
AUSTRALIA	12.0	11.4	12.0	11.8	13.0	13.0
ARGENTINA	6.6	6.0	8.6	11.0	7.5	7.0
WEST EUROPE	50.8	56.7	48.5	50.9	52.3	51.3
USSR 7)	109.8	83.8	66.2	96.9	110.0	105.0
EAST EUROPE	31.5	34.0	28.5	34.5	33.9	34.0
INDIA	24.7	21.8	24.1	28.3	26.0	26.0
OTHERS	73.8	80.5	86.4	97.4	90.2	89.7
TOTAL NON-US	325.2	307.5	291.3	354.3	349.8	342.0
U.S.	46.4	48.9	58.1	58.4	55.6	55.5
WORLD TOTAL	371.6	356.4	349.4	412.7	405.5	397.6
CONSUMPTION 8)						
U.S.	20.4	18.8	19.9	20.5	23.9	23.9
USSR 7)	95.3	93.3	83.8	88.4	98.0	96.5
PRC	40.0	42.7	42.2	46.5	49.5	49.5
OTHERS	207.7	208.2	203.3	220.0	228.2	227.3
WORLD TOTAL	363.5	363.0	349.2	375.4	399.6	397.2
ENDING STOCKS 8)						
TOTAL						
FOREIGN 9)	59.9	50.8	44.6	69.8	71.4	65.7
USSR: STKS CHG	14.0	-11.0	-8.0	12.0	13.0	10.0
U.S.	9.2	11.7	18.1	30.2	34.8	34.7
WORLD TOTAL 9)	69.1	62.5	62.7	100.0	106.2	100.3

SEE FOOTNOTES PAGE 29

* *

* BASED ON ANALYSIS OF PAST FORECASTING ERROR AND THE JUDGMENT OF REVIEWING ANALYSTS, THE LIKELIHOOD IS *
* AT LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION FOR WHEAT WILL NOT DIFFER FROM THIS MONTH'S *
* ESTIMATE BY MORE THAN ABOUT 4 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND USSR, THE *
* CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THIS ESTIMATE *
* BY MORE THAN ABOUT 1 PERCENT. *

* *

WORLD COARSE GRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 JUL 18	1977/78 AUG 18
EXPORTS 10)						
CANADA	2.9	2.8	4.9	4.6	4.4	4.4
AUSTRALIA	1.9	2.9	3.2	3.6	3.5	3.5
ARGENTINA	8.4	8.5	5.3	9.6	8.2	7.8
S. AFRICA	0.5	3.5	3.3	1.3	2.9	2.8
THAILAND	2.3	2.2	2.6	2.2	1.7	1.3
BRAZIL	0.4	1.5	1.7	1.3	1.5	1.5
SUB-TOTAL	16.3	21.4	21.0	22.6	22.2	21.4
WEST EUROPE	5.5	4.5	4.9	2.6	4.9	5.2
USSR	0.9	1.0	0.0	2.0	1.0	1.0
OTHERS	4.0	2.4	4.5	3.5	3.9	3.9
TOTAL NON-US	26.7	29.4	30.4	30.8	32.0	31.5
U.S. 3)	44.5	34.3	46.5	51.8	43.3	43.3
WORLD TOTAL	71.1	63.7	76.8	02.6	75.3	74.8
IMPORTS						
WEST EUROPE	26.8	26.7	24.5	34.9	30.1	27.3
USSR	6.5	2.7	15.5	5.5	4.0	4.5
JAPAN	14.1	13.1	13.5	15.4	16.4	16.4
EAST EUROPE	3.8	6.4	6.7	8.4	6.5	6.6
OTHERS	20.0	14.8	16.6	18.3	18.3	19.9
WORLD TOTAL	71.1	63.7	76.8	82.6	75.3	74.8
(+ INTRA EC-9)	79.5	70.5	85.1	89.4	82.3	81.8
PRODUCTION 5) 11						
CANADA	20.4	17.4	20.0	21.2	20.1	20.1
AUSTRALIA	4.7	4.5	5.6	5.1	6.1	6.1
ARGENTINA	17.9	13.8	12.4	17.6	15.1	15.1
S. AFRICA	11.9	9.7	7.7	9.9	9.6	9.6
THAILAND	2.5	2.7	3.3	3.0	2.7	2.1
BRAZIL	16.9	16.9	18.5	19.6	20.6	20.6
WEST EUROPE	84.1	85.1	81.5	72.8	84.6	87.0
USSR 6)	101.0	99.7	65.8	115.0	100.0	100.0
EAST EUROPE	55.7	57.3	59.4	59.4	60.8	60.7
OTHERS	158.8	162.9	175.3	175.4	173.4	173.2
TOTAL NON-US	473.9	469.9	449.6	499.0	493.0	494.6
U.S.	186.6	150.5	184.9	193.1	198.5	193.5
WORLD TOTAL	660.5	620.4	634.5	692.1	691.5	688.1
CONSUMPTION 7)						
U.S.	155.6	121.5	133.5	130.2	137.9	137.5
USSR 6)	105.5	99.4	82.4	114.5	98.0	98.5
PRC	59.1	61.4	61.9	61.9	61.9	61.9
OTHERS	344.6	342.9	357.3	367.7	373.2	373.2
WORLD TOTAL	664.9	625.1	635.0	674.3	671.1	671.1
END STOCKS 8) 11						
TOTAL						
FOREIGN 9)	34.3	36.0	33.7	38.2	41.4	42.5
(USSR: STKS CHG)	1.0	2.0	-1.0	4.0	5.0	5.0
U.S.	21.8	15.4	17.4	30.6	48.2	43.3
WORLD TOTAL 9)	56.2	51.5	51.0	68.8	89.6	85.8

SEE FOOTNOTES PAGE 29

* *
* BASED ON ANALYSIS OF PAST FORECASTING ERROR AND THE JUDGMENT OF REVIEWING ANALYSTS, THE LIKELIHOOD IS AT *
* LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION ESTIMATE FOR COARSE GRAINS WILL NOT DIFFER FROM *
* THIS MONTH'S ESTIMATE BY MORE THAN ABOUT 3 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND *
* USSR, THE CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THIS *
* ESTIMATE BY MORE THAN ABOUT 1 PERCENT. *
* *

gathering of the crop. A total Soviet grain crop estimate of 220 million tons includes 105 millions of wheat, 100 millions of coarse grains and 15 millions of miscellaneous grains, rice and pulses. If achieved, the crop would still be above the Soviet plan figure of 213 million tons and would be the third biggest on record. The crop forecast is based on an estimated harvest area of 129 million hectares, the largest since 1964.

Adverse weather during the last month has also reduced crop prospects for some of the world's major grain exporting countries. Reports of localized but persistent dry conditions throughout sections of Canada's grain producing region have tempered earlier more optimistic reports about the crop and prompted a 1 million ton reduction in the wheat production estimate. Wheat ending stocks are expected to be down by a similar amount. Although Canada's crop this year is expected to be down over 30 percent from last season's level, current export commitments already indicate continued large exports this season.

Generally dry conditions in Argentina have continued with parts of the wheat area still remaining unplanted. Argentina's 1977 wheat production, already expected to be down sharply from last season's level because of farmer dissatisfaction with wheat price relationships, is currently estimated at 7 million tons, down 500,000 tons from last month's estimate. With production down 4 million tons from last year's level, Argentina will probably be a much less significant factor in this season's wheat trade than in the past season.

Dry conditions have also persisted in Thailand's corn producing regions, further reducing expectations for that crop. The 600,000 ton decrease in the estimate of Thai corn production will be fully reflected in reduced export availability this year. Concern about this has already prompted a sharp drop in the level of corn exports Thailand agreed to in recent bilateral agreements with Japan and Taiwan.

Cool, wet weather in large sections of both East and West Europe has delayed maturity and slowed the harvesting of winter grain crops, but these conditions are likely to have improved spring-planted coarse grain prospects. The current estimate of West European wheat production is about 1 million tons below last month's, but the estimate of coarse grain production is up by about 2 million tons over last month's estimate and almost 13 million tons above last year's poor crop of 73 million tons. Excessive rains during the past month in the northern regions of Eastern Europe have reduced the quality of the crop and may result in quantity reductions.

Trade Developments

The forecast for world wheat and coarse grain trade for the 1977/78 season has been revised upward by 1.2 million tons from the estimate of mid-July. Wheat trade is now projected at 67.5 million tons, about equal to the record level of trade in 1972/73. Coarse grain trade however, is forecast at 74.8 million tons, down about one-half million tons from the previous estimate.

The West European wheat import estimate is up slightly reflecting expectations of a smaller, lower quality crop and consequent increased demand for high-protein wheat imports. Elsewhere adverse weather has trimmed production prospects and prompted somewhat increased import estimates in several countries, including Mexico, Brazil, Chile, and Iran. The Soviet wheat import estimate has also been increased slightly because of the reduction in the wheat production forecast and possible quality problems.

On the export side there has been a reported agreement, in principle, between India and the USSR that the Soviets will accept repayment in kind of a previous Soviet wheat loan. Although little is currently known about the timing of the proposed wheat exports under the agreement, the Indian export forecast has been increased to 1.6 million tons. In light of the current large Soviet wheat crop, it seems likely that a large part of these Indian exports would be made on Soviet account to Southeast Asian and other destinations.

The estimate of West Europe's coarse grain imports has been reduced nearly 3 million tons, reflecting a larger coarse grain crop forecast, expectations of increased wheat feeding and excellent forage conditions this year. Coarse grain import estimates for the Soviet Union and several smaller countries have been increased somewhat and globally tend to offset the lower amount destined to Western Europe.

The export estimate for several major coarse grain exporters, including Argentina, South Africa and Thailand, have been lowered somewhat, complementing the assessment of slightly reduced world import requirements.

WORLD RICE
PRODUCTION, TRADE AND STOCKS
(IN MILLIONS OF METRIC TONS)

	CY 1975	CY 1976	CY 1977	CY 1978 AS OF JUL 18	CY 1978 AS OF AUG 18
EXPORTS 2)					
AUSTRALIA	0.2	0.2	0.3	0.3	0.3
BURMA	0.3	0.6	0.6	0.6	0.6
ITALY	0.5	0.4	0.3	0.5	0.5
PAKISTAN	0.4	0.9	0.8	0.8	0.8
PRC	1.4	0.9	0.5	0.5	0.5
THAILAND	1.0	1.9	2.0	1.4	1.4
ALL OTHERS	1.3	1.3	1.5	1.6	1.7
TOTAL NON-US	5.1	6.3	6.0	5.7	5.8
U.S.	2.1	2.0	2.2	2.1	2.1
WORLD TOTAL	7.2	8.3	8.3	7.8	7.9
IMPORTS 2)					
BANGLADESH	0.4	0.3	0.4	0.4	0.4
EC-9	0.6	0.9	0.7	0.7	0.7
HONG KONG	0.3	0.3	0.4	0.3	0.3
INDONESIA	0.7	1.3	1.5	1.5	1.5
IRAN	0.4	0.3	0.5	0.5	0.5
KOREA REP OF	0.4	0.2	0.1	0.0	0.0
MALAYSIA, WEST	0.1	0.2	0.3	0.2	0.2
PHILIPPINES	0.1	0.1	0.0	0.0	0.0
SINGAPORE	0.1	0.2	0.2	0.2	0.2
SRI LANKA	0.4	0.4	0.5	0.3	0.3
ALL OTHERS	3.6	4.2	3.7	3.6	3.7
WORLD TOTAL	7.2	8.3	8.3	7.8	7.9
	74/75	75/76	76/77	77/78 as of July 18	1977/78 as of Aug 18
PRODUCTION 3)					
BANGLADESH	17.1	19.2	17.7	18.0	18.0
BURMA	8.6	9.2	9.3	9.5	9.5
INDIA	59.4	74.3	65.3	66.1	69.1
INDONESIA	22.5	22.3	22.7	23.5	23.5
JAPAN	15.4	16.5	14.7	15.2	15.2
KOREA REP OF	6.2	6.5	7.2	7.3	7.3
PAKISTAN	3.5	3.9	3.7	4.0	4.0
PRC	120.0	119.0	118.0	120.0	120.0
THAILAND	14.5	15.2	15.5	15.0	15.0
SUB-TOTAL	267.0	286.0	274.2	278.6	281.6
EC-9	1.1	1.0	0.9	1.1	1.1
AUSTRALIA	0.4	0.4	0.5	0.5	0.5
ARGENTINA	0.4	0.3	0.3	0.3	0.3
BRAZIL	7.0	8.5	7.2	8.4	8.4
ALL OTHERS	49.0	51.3	51.9	53.3	53.4
TOTAL NON-US	324.9	347.6	335.0	342.3	345.4
U.S.	5.1	5.8	5.3	4.7	4.6
WORLD TOTAL	330.0	353.4	340.4	347.0	350.0
ENDING STOCKS 4)					
TOTL FOREIGN	11.7	16.7	14.2	13.3	13.2
U.S.	0.2	1.2	1.4	1.3	1.1
WORLD TOTAL	12.0	17.9	15.6	14.7	14.3

1) PRODUCTION IS ON ROUGH BASIS; TRADE AND STOCKS ARE LISTED AS MILLED.
2) TRADE DATA ON CALENDAR YEAR BASIS.
3) THE WORLD RICE HARVEST STRETCHES OVER 6-8 MONTHS. THUS, 1976/77 PRODUCTION REPRESENTS THE CROP HARVESTED IN LATE 1976 AND EARLY 1977 IN THE NORTHERN HEMISPHERE AND THE CROP HARVESTED IN EARLY 1977 IN THE SOUTHERN HEMISPHERE.
4) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERENT LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS BURMA AND THE PEOPLE S REPUBLIC OF CHINA.

The chances are 2 out of 3 that the final rice production estimate will not differ from the initial estimate by more than about 2 percent.

World Rice Situation

Based largely on expectations of a larger Indian rice harvest, the total 1977/78 world crop is forecast at 350 million tons up 3 million tons from last month's estimate.* Monsoon performance in India has continued to average significantly above that of last year and the rice crop could reach 69 million tons. Final Indian outturn is, however, largely dependent on continued timely and adequate rainfall. Prolonged dry weather in Thailand slowed rice transplanting, but recent rainfall has allowed progress toward completion. Reports from Vietnam, Laos and Cambodia indicate continued dry conditions affecting rice production.

China's early rice crop, largely harvested at this point, suffered first from spring drought and later from excessive rains. An unusually good late rice harvest will be necessary to bring this year's production up to last year's level.

World rice trade in calendar 1977 is continuing at a strong pace and could possibly equal or surpass the record 8.3 million ton level of 1976. Thailand has exported a reported 1.8 million tons of rice during the first 7 months of 1977 and could possibly export more than the 2 million tons currently estimated for the year. U.S. rice exports for the first half of 1977 at nearly 1 million tons are slightly below the level necessary to reach the projected 1977 total level of 2.2 million tons, but continued strength in Mideast and African markets should increase the U.S. export rate in the last half of 1977.

Forward sales of new crop U.S. rice are moving along well with 625,000 tons already committed for delivery in the 1977/78 August-July marketing year.

World rice trade in calendar 1978 is projected to decline slightly from the 1976 and 1977 levels. Early indications point toward sharply reduced imports by Sri Lanka in 1978 following this year's excellent spring crop outturn and favorable fall crop prospects. Reported production shortfalls in Laos, Cambodia and Vietnam could conceivably increase total world rice import demand above the level currently projected, but current information does not indicate a strong interest in importing large quantities of rice.

*All production figures are on a paddy basis; trade and stocks are expressed on a milled basis.

WORLD TOTAL GRAIN AREA 1)
(HARVESTED)
(IN MILLIONS OF HECTARES)

	1960 - 1972 HIGH (1968)	1960 - 1972 LOW (1961)	1973	1974	1975	1976 2)	1977 AS OF JUL 19	1977 3) AS OF AUG 17
SELECTED EXPORTERS 4)	53.9	41.9	51.6	48.7	50.6	54.3	54.2	53.8
USSR	114.3	115.6	118.2	119.1	120.1	120.3	122.5	122.0
PRC	74.0	71.9	76.0	77.1	78.4	78.6	78.6	78.6
WEST EUROPE	41.6	40.5	41.0	41.4	40.6	40.8	40.4	40.4
EAST EUROPE	31.0	32.1	29.6	29.4	29.6	29.6	30.0	30.0
BRAZIL	10.7	85.0	13.4	13.4	14.6	15.7	16.1	15.9
INDIA	61.9	57.5	65.5	61.5	62.3	60.9	62.8	62.8
OTHERS	109.8	23.2	108.9	111.9	114.0	115.9	115.4	115.4
TOTAL NON-US	497.2	467.7	504.2	502.5	510.3	516.1	520.0	518.8
UNITED STATES	62.1	64.2	63.6	67.9	71.0	72.2	71.3	71.3
WORLD TOTAL	559.3	531.9	567.8	570.4	581.3	588.3	591.2	590.1

TOTAL GRAIN YIELDS 1)
(BASED ON HARVESTED AREA)
(IN METRIC TONS PER HECTARE)

	1973	1974	1975	1976 2)	1977 AS OF JUL 19	1977 3) AS OF AUG 17
SELECTED EXPORTERS 4)	1.82	1.65	1.75	1.94	1.72	1.69
USSR	1.78	1.54	1.10	1.76	1.71	1.68
PRC	1.20	1.27	1.30	1.34	1.30	1.30
WEST EUROPE	3.29	3.43	3.20	3.03	3.39	3.43
EAST EUROPE	2.95	3.10	2.97	3.18	3.15	3.16
BRAZIL	1.40	1.47	1.37	1.44	1.50	1.49
INDIA	0.82	0.77	0.87	0.92	0.85	0.85
OTHERS	1.00	1.04	1.11	1.16	1.12	1.12
TOTAL NON-US	1.59	1.55	1.45	1.65	1.62	1.61
UNITED STATES	3.66	2.94	3.42	3.48	3.57	3.49
WORLD TOTAL	1.82	1.71	1.69	1.88	1.86	1.84

1) EXCLUDES RICE.
2) PRELIMINARY.
3) PROJECTION BASED ON CONDITIONS TO DATE.
4) ARGENTINA, AUSTRALIA, CANADA, SOUTH AFRICA AND THAILAND.

WORLD WHEAT AND FLOUR TRADE
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	14.9	14.8	8.9	8.7	9.0	11.5	13.7	15.6	11.5	11.2	12.1	12.9	12.5
AUSTRALIA	5.6	6.9	7.0	5.4	7.4	9.5	8.7	5.6	5.4	8.2	7.9	8.6	9.4
ARGENTINA	7.9	3.1	1.4	2.7	2.1	1.6	1.3	3.4	1.1	2.2	3.2	5.6	3.2
SUB-TOTAL	28.4	24.9	17.3	16.8	18.4	22.7	23.7	24.6	18.0	21.6	23.2	27.2	25.1
WEST EUROPE	5.0	4.6	5.3	5.1	7.0	3.7	4.5	6.8	5.8	8.3	9.2	5.4	6.8
EAST EUROPE	0.9	1.7	2.3	2.0	1.3	0.9	0.9	0.9	2.0	1.7	1.3	1.5	2.1
USSR	2.6	4.4	5.3	5.8	6.4	7.2	5.8	1.3	5.0	4.0	0.5	1.0	3.0
OTHERS	1.2	0.7	0.6	0.6	0.8	0.3	0.6	1.9	0.7	0.3	0.3	0.9	3.6
TOTAL NON-US	38.1	36.2	30.9	30.4	33.9	34.8	35.5	35.6	31.6	35.9	34.5	35.9	40.5
UNITED STATES	23.4	20.0	20.2	14.7	16.5	19.9	16.9	31.8	31.1	28.0	31.5	25.4	26.9
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	66.0	61.4	67.5
IMPORTS													
JAPAN	3.5	4.3	4.0	4.2	4.4	4.8	5.0	5.5	5.4	5.4	5.9	5.5	5.6
WEST EUROPE	9.9	9.7	7.8	8.6	8.6	11.0	7.9	8.1	6.4	6.1	6.5	5.1	6.9
EAST EUROPE	7.2	5.4	4.9	4.3	4.7	6.7	5.2	4.6	5.6	4.7	4.9	6.0	4.6
USSR	8.5	3.1	1.5	0.2	1.1	0.5	3.5	15.6	4.5	2.5	10.1	4.5	4.5
PRC	6.3	5.0	4.2	3.5	5.1	3.7	3.0	5.3	5.6	5.7	2.2	3.5	9.5
SUB-TOTAL	35.5	27.4	22.4	20.8	24.0	26.7	24.6	39.1	27.6	24.4	29.6	24.6	31.1
AFRICA 1)	3.7	5.2	5.4	3.7	3.9	5.1	5.2	5.1	6.9	7.1	7.9	7.5	9.5
L. AMERICA 2)	3.9	4.6	5.1	4.3	3.9	3.9	4.4	6.2	6.4	5.1	6.3	6.0	7.2
WEST ASIA 3)	1.2	2.0	1.7	1.8	2.4	2.8	4.6	2.0	3.3	4.8	3.1	3.8	3.8
SOUTH ASIA 4)	9.1	9.1	9.3	5.4	5.4	4.4	4.8	5.8	7.5	10.8	10.8	6.0	3.6
OTHER ASIA 5)	1.5	1.4	1.9	2.3	2.8	3.0	3.1	3.0	2.9	2.7	2.5	3.6	3.4
OTHERS	6.4	6.4	5.3	6.6	8.0	8.9	5.7	6.0	8.2	8.9	5.7	9.9	8.9
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	66.0	61.4	67.5

1) ALGERIA, EGYPT, LIBYA, MOROCCO, NIGERIA, SUDAN AND TUNISIA.
2) MEXICO, BRAZIL, CHILE, COLOMBIA, PERU AND VENEZUELA.
3) IRAN, IRAQ, ISRAEL, JORDAN, LEBANON, SAUDI ARABIA, SYRIA AND TURKEY.
4) BANGLADESH, INDIA, INDONESIA, PAKISTAN AND SRI LANKA.
5) REP. OF KOREA, PHILIPPINES AND TAIWAN.

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
DATA EXCLUDE INTRA EC-9 TRADE; U.S. DATA ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WHEAT AND WHEAT FLOUR
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
ALGERIA	401	934	664	700	275	646	885	646	1,585	1,500	1,500	900	1,200
EGYPT	2,344	2,498	2,782	1,940	2,220	2,527	2,670	3,040	3,180	3,490	3,800	4,100	4,400
LIBYA	149	157	184	215	208	234	274	240	288	300	310	310	350
MOROCCO	359	1,012	960	264	255	645	653	461	1,040	1,105	1,235	1,000	1,600
NIGERIA	140	170	130	144	244	385	350	397	326	342	517	700	900
SUDAN	148	209	215	196	119	244	143	93	182	120	203	200	250
TUNISIA	199	256	433	263	539	381	229	237	290	285	301	300	775
SUB-TOTAL	3,740	5,236	5,368	3,722	3,860	5,062	5,204	5,114	6,891	7,142	7,866	7,560	9,475
WEST HEMISPHERE													
MEXICO	7	1	1	1	49	5	409	650	790	832	1	0	700
BRAZIL	2,321	2,637	3,029	2,384	2,070	1,795	1,603	2,942	2,682	1,728	3,705	3,300	3,500
CHILE	311	641	462	350	196	465	540	910	1,126	768	788	765	900
COLOMBIA	236	199	273	256	217	350	446	278	472	339	339	400	400
PERU	501	550	624	564	635	658	663	825	744	858	825	750	950
VENEZUELA	556	591	698	771	753	594	773	635	599	540	671	740	780
SUB-TOTAL	3,932	4,619	5,087	4,326	3,920	3,867	4,434	6,240	6,413	5,065	6,329	5,955	7,230
ASIA													
IRAN	143	220	51	1	1	103	1,116	736	600	1,650	975	1,250	1,500
IRAQ	6	126	315	70	87	156	889	13	549	750	500	880	600
ISRAEL	233	269	282	425	470	475	438	282	363	350	492	458	330
JORDAN	126	172	114	148	125	127	123	181	193	170	200	255	245
LEBANON	260	336	399	289	297	436	448	265	404	298	360	350	375
SAUDI ARABIA	200	240	182	140	290	320	350	310	317	350	350	350	350
SYRIA	70	345	283	193	251	612	698	215	233	191	222	235	430
TURKEY	132	258	45	551	881	568	555	27	607	1,018	20	0	0
SUB-TOTAL	1,170	1,966	1,671	1,817	2,402	2,797	4,617	2,029	3,266	4,777	3,119	3,778	3,830
BANGLADESH	0	0	0	0	0	0	1,071	2,176	1,608	2,057	1,650	480	800
INDIA	7,645	6,576	6,533	3,801	3,039	2,309	1,609	1,014	3,644	5,656	6,660	3,562	300
INDONESIA	20	40	170	335	685	455	487	686	576	846	834	1,055	1,167
PAKISTAN	1,236	1,759	2,131	756	1,085	1,075	1,027	1,359	999	1,574	1,025	373	600
SRI LANKA	238	742	513	558	563	576	610	561	668	700	638	526	700
SUB-TOTAL	9,139	9,117	9,347	5,450	5,372	4,415	4,804	5,796	7,495	10,833	10,807	5,996	3,567
REP. OF KOREA	600	654	859	1,117	1,670	1,750	1,848	1,779	1,627	1,577	1,445	2,100	1,950
PHILIPPINES	502	494	653	588	560	568	689	613	524	503	550	775	800
TAIWAN	384	264	406	575	580	687	541	657	705	626	527	675	620
SUB-TOTAL	1,486	1,412	1,918	2,280	2,810	3,005	3,078	3,049	2,856	2,706	2,522	3,550	3,370
TOTAL	19,467	22,350	23,391	17,595	18,364	19,146	22,137	22,228	26,921	30,523	30,643	26,839	27,472

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
YEARS BEGINNING JULY 1

WORLD COARSEGRAIN TRADE 1)
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	1.2	1.3	1.2	0.6	1.4	4.2	4.6	4.2	2.9	2.8	4.9	4.6	4.4
AUSTRALIA	0.5	0.9	0.4	0.9	0.9	2.2	3.2	1.6	1.9	2.9	3.2	3.6	3.5
ARGENTINA	3.8	6.5	4.0	5.6	6.0	7.6	6.2	4.2	8.4	8.5	5.3	9.6	7.8
S. AFRICA	0.6	0.9	3.3	2.4	1.1	1.1	3.1	3.3	0.5	3.5	3.3	1.3	2.8
THAILAND	1.2	1.3	1.3	1.3	1.6	1.8	2.3	1.1	2.3	2.2	2.6	2.2	1.3
BRAZIL	0.6	0.6	0.7	1.2	0.6	2.0	0.6	0.5	0.4	1.5	1.7	1.3	1.5
SUB-TOTAL	7.9	11.5	10.9	12.0	11.6	18.9	19.9	15.0	16.3	21.4	21.0	22.6	21.4
WEST EUROPE	2.2	2.6	2.7	3.2	4.1	4.1	5.2	5.1	5.5	4.5	4.9	2.6	5.2
EAST EUROPE	1.2	1.7	2.0	1.5	1.4	1.5	0.6	1.4	2.5	1.2	2.9	1.5	2.1
USSR	2.2	0.8	1.0	1.1	1.1	1.1	0.9	0.4	0.9	1.0	0.0	2.0	1.0
OTHERS	2.9	2.2	2.3	2.8	1.8	1.3	1.3	1.8	1.5	1.2	1.6	2.0	1.8
TOTAL NON-US	16.4	18.9	18.9	20.6	19.9	26.9	28.0	23.8	26.7	29.4	30.4	30.8	31.5
UNITED STATES	25.4	20.9	19.7	16.0	19.2	19.4	20.8	35.6	44.5	34.3	46.5	51.8	43.3
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.8	82.6	74.8
IMPORTS													
JAPAN	5.2	7.2	7.7	8.5	10.0	10.5	10.3	12.0	14.1	13.1	13.5	15.4	16.4
WEST EUROPE	25.3	24.0	22.9	19.6	19.5	24.1	20.4	22.0	26.8	26.7	24.5	34.9	27.3
EAST EUROPE	3.9	2.0	2.5	2.7	2.9	3.6	4.9	5.1	3.8	6.4	6.7	8.4	6.6
USSR	0.0	0.2	0.4	0.5	0.1	0.3	4.3	6.9	6.5	2.7	15.5	5.5	4.5
PRC	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.8	2.1	0.5	0.0	0.0	0.0
SUB-TOTAL	34.5	33.4	33.6	31.3	32.6	38.4	40.4	46.9	53.2	49.5	60.2	64.3	54.8
AFRICA 2)	0.4	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.0	1.1	1.4
L. AMERICA 3)	0.2	0.2	0.2	0.5	0.8	1.3	0.7	1.8	2.8	3.6	2.6	2.6	2.7
ASIA 4)	2.1	3.3	2.9	1.8	2.4	2.6	4.1	4.8	5.0	4.9	5.8	5.7	6.9
OTHERS	4.7	2.7	1.6	2.8	3.1	3.6	3.3	5.4	9.2	4.7	7.2	8.9	8.9
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.8	82.6	74.8

1) CORN, SORGHUM, BARLEY, OATS AND RYE.
2) EGYPT, LIBYA, TANZANIA AND ZAIRE.
3) CHILE, MEXICO AND VENEZUELA.
4) HONGKONG, INDIA, IRAN, IRAQ, ISRAEL, REP. OF KOREA, PHILIPPINES, LEBANON, MALAYSIA AND TAIWAN.

NOTE: DATA EXCLUDE PRODUCTS; INTRA EC-9 TRADE EXCLUDED; ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WORLD COARSEGRAIN TRADE 1)
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
EGYPT	256	114	269	15	64	76	48	130	450	460	500	700	900
LIBYA	17	19	53	48	74	151	121	143	74	125	125	125	125
TANZANIA	15	7	4	0	47	0	43	114	161	291	200	56	100
ZAIRE	72	81	38	95	60	85	95	85	150	180	200	232	260
SUB-TOTAL	360	221	364	158	245	312	307	472	835	1,056	1,025	1,113	1,385
WEST HEMISPHERE													
MEXICO	146	77	114	52	439	571	118	873	1,909	2,806	1,992	1,511	1,680
CHILE	40	68	134	212	250	352	275	318	146	132	15	20	40
VENEZUELA	34	25	1	232	117	392	278	629	743	670	639	1,030	1,000
SUB-TOTAL	220	170	249	496	806	1,315	671	1,820	2,798	3,608	2,646	2,561	2,720
ASIA													
HONG KONG	96	86	117	141	176	158	163	137	150	160	160	160	150
IRAN	5	1	33	71	24	23	276	105	200	415	500	680	800
IRAQ	0	0	0	0	1	1	250	0	0	0	0	30	0
ISRAEL	444	636	647	582	792	735	828	923	968	1,125	1,101	1,087	1,115
LEBANON	141	96	154	110	138	136	213	165	143	170	145	145	175
INDIA	1,163	2,237	1,314	56	314	16	23	480	1,055	446	721	0	0
REP. OF KOREA	112	30	225	298	251	414	624	884	699	998	724	1,400	2,100
MALAYSIA	52	63	68	102	124	169	197	256	229	237	244	254	250
PHILIPPINES	22	37	14	22	11	30	166	116	90	159	54	141	150
TAIWAN	63	83	284	442	580	878	1,353	1,691	1,510	1,195	2,122	1,600	2,200
SUB-TOTAL	2,098	3,269	2,856	1,824	2,411	2,560	4,093	4,757	5,044	4,905	5,771	5,697	6,940
TOTAL	2,678	3,660	3,469	2,478	3,462	4,187	5,071	7,049	8,677	9,569	9,442	9,371	11,045

1) CORN, SORGHUM, BARLEY, OATS AND RYE.

NOTE: DATA EXCLUDE PRODUCTS; TRADE YEARS BEGINNING JULY 1

WHEAT: SUPPLY AND DISAPPEARANCE
CANADA, AUSTRALIA AND ARGENTINA
(Thousands of Metric Tons)

	AREA	YIELD	PRODUCTION	DOMESTIC USE	EXPORTS 1) JULY-JUNE	EXPORTS 1) MRKT YEAR	END STOCKS 2) MRKT YEAR
			CANADA (MARKETING YEAR AUG/JULY)				
AVERAGE							
1955/56-1959/60	9,187	1.38	12,672	4,329	7,660	7,995	17,141
1960/61-1964/65	10,841	1.35	14,651	4,064	11,034	11,062	13,385
1967/68.....	12,190	1.32	16,137	4,250	8,921	9,145	18,303
1968/69 3).....	11,908	1.49	17,689	4,486	8,710	8,323	23,183
1969/70 3).....	10,102	1.81	18,267	4,568	8,991	9,430	27,452
1970/71 3)	5,052	1.79	9,024	4,650	11,544	11,846	19,980
1971/72.....	7,854	1.83	14,412	4,795	13,723	13,710	15,887
1972/73.....	8,640	1.68	14,514	4,764	15,627	15,692	9,945
1973/74.....	9,575	1.69	16,159	4,601	11,487	11,414	10,089
1974/75.....	8,935	1.49	13,295	4,607	11,186	10,739	8,038
1975/76.....	9,479	1.80	17,078	4,827	12,139	12,254	8,035
1976/77 4).....	11,141	2.11	23,523	4,875	12,920	13,600	13,083
1977/78 5).....	10,000	1.60	16,000	4,983	12,500	12,500	11,600
			AUSTRALIA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,006	1.14	4,572	1,960	2,616	2,803	1,470
1960/61-1964/65	6,396	1.30	8,298	2,124	6,045	6,372	599
1967/68.....	9,082	0.83	7,547	2,672	7,044	5,654	1,737
1968/69.....	10,846	1.36	14,804	2,584	5,380	6,371	7,586
1969/70.....	9,486	1.11	10,546	2,540	7,374	8,047	7,545
1970/71.....	6,479	1.22	7,890	2,625	9,516	9,145	3,665
1971/72.....	7,138	1.21	8,606	2,899	8,670	7,788	1,584
1972/73.....	7,604	0.87	6,590	3,300	5,614	4,309	565
1973/74.....	8,948	1.34	11,987	3,781	5,432	6,789	1,982
1974/75.....	8,308	1.37	11,357	3,025	8,241	8,526	1,788
1975/76.....	8,555	1.40	11,982	2,478	7,871	8,515	2,777
1976/77 4).....	8,920	1.33	11,841	2,525	8,600	9,500	2,593
1977/78 5).....	9,900	1.31	13,000	2,860	9,400	9,500	3,233
			ARGENTINA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,695	1.31	6,151	3,865	2,573	2,477	1,360
1960/61-1964/65	4,720	1.52	7,165	3,647	2,642	3,071	1,415
1967/68 6).....	5,812	1.26	7,320	4,393	1,379	2,199	1,008
1968/69 7).....	5,837	0.98	5,740	3,794	2,742	2,494	850
1969/70.....	5,191	1.35	7,020	4,768	2,082	2,322	780
1970/71.....	3,701	1.33	4,920	4,056	1,625	969	675
1971/72.....	4,315	1.32	5,680	4,356	1,339	1,629	370
1972/73 8).....	4,965	1.39	6,900	4,261	3,352	3,193	269
1973/74.....	3,958	1.66	6,560	4,221	1,106	1,582	1,026
1974/75.....	4,233	1.41	5,970	4,470	2,165	1,784	742
1975/76.....	5,270	1.63	8,570	5,382	3,188	3,160	742
1976/77 4).....	6,385	1.72	11,000	4,742	5,650	6,000	1,000
1977/78 5).....	4,600	1.52	7,000	4,500	3,200	3,000	500
			TOTAL ABOVE THREE COUNTRIES				
AVERAGE							
1955/56-1959/60	17,888	1.31	23,395	10,154	13,051	13,275	19,971
1960/61-1964/65	21,957	1.37	30,114	9,835	19,721	20,505	15,399
1967/68.....	27,084	1.14	31,004	11,315	17,344	16,998	21,048
1968/69.....	28,591	1.34	38,233	10,864	16,832	17,188	31,619
1969/70.....	24,779	1.45	35,833	11,876	18,447	19,799	35,777
1970/71.....	15,232	1.43	21,834	11,331	23,791	21,960	24,320
1971/72.....	19,307	1.49	28,698	12,050	25,834	23,129	17,841
1972/73.....	21,209	1.32	28,004	12,325	24,593	23,194	10,779
1973/74.....	22,481	1.54	34,706	12,603	18,025	19,785	13,097
1974/75.....	21,476	1.43	30,622	12,102	21,592	21,049	10,568
1975/76.....	23,304	1.61	37,630	12,687	23,198	23,929	11,554
1976/77 4).....	26,446	1.75	46,364	12,142	27,170	29,100	16,676
1977/78 5).....	24,500	1.47	36,000	12,343	25,100	25,000	15,333

1) INCLUDES THE WHEAT EQUIVALENT OF FLOUR.
2) NET CHANGES IN FARM STOCKS FOR AUSTRALIA AND ARGENTINA ARE REFLECTED IN DOMESTIC DISAPPEARANCE.
3) IMPORTS OF 1 NEEDED TO BALANCE S&D.
4) PRELIMINARY.
5) PROJECTION.
6) IMPORTS OF 35 NEEDED TO BALANCE S&D.
7) IMPORTS OF 390 NEEDED TO BALANCE S&D.
8) IMPORTS OF 453 NEEDED TO BALANCE S&D.

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC CONSUMPTION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			CORN (APRIL-MARCH)					
ARGENTINA								
(66)1967/68...	3,450	2.32	8,000	3,828	3,186	2,503	4,153	33
(67)1968/69 1)	3,378	1.94	6,560	3,134	3,968	4,381	3,448	12
(68)1969/70...	3,556	1.93	6,860	3,124	4,346	4,673	3,740	8
(69)1970/71...	4,017	2.33	9,360	3,840	5,333	5,682	5,510	18
(70)1971/72 1)	4,066	2.44	9,930	2,817	4,801	3,792	6,436	696
(71)1972/73 1)	3,147	1.86	5,860	3,981	2,832	3,913	2,040	536
(72)1973/74...	3,565	2.52	9,000	3,892	5,105	5,195	5,066	578
(73)1974/75...	3,486	2.84	9,900	4,615	5,831	4,827	5,399	464
(74)1975/76...	3,070	2.51	7,700	3,897	2,593	2,674	3,517	750
(75)1976/77...	2,766	2.12	5,855	3,262	4,384	4,750	3,238	105
(76)1977/78 2)	2,607	3.26	8,500	4,000	3,700	3,400	4,500	105
(77)1978/79 3)	2,700	2.59	7,000	4,000			3,000	105
			CORN (MAY-APRIL)					
SOUTH AFRICA								
(66)1967/68...	4,589	2.13	9,762	4,471	3,107	3,447	2,899	3,074
(67)1968/69...	4,728	1.12	5,316	4,885	2,168	1,415	2,671	834
(68)1969/70 4)	4,387	1.22	5,340	5,008	1,096	1,511	796	873
(69)1970/71 5)	4,217	1.45	6,132	5,159	915	1,133	1,104	751
(70)1971/72 6)	4,402	1.95	8,600	5,173	2,829	2,912	2,555	1,625
(71)1972/73...	4,578	2.07	9,483	5,540	3,181	2,240	3,562	2,006
(72)1973/74...	3,611	1.15	4,160	5,544	371	1,230	157	465
(73)1974/75...	4,463	2.49	11,105	6,343	3,324	3,290	3,209	2,018
(74)1975/76...	4,488	2.03	9,131	6,351	3,181	2,797	3,234	1,564
(75)1976/77...	4,549	1.61	7,312	6,485	1,500	1,800	1,466	925
(76)1977/78 2)	4,453	2.11	9,400	6,525	2,800	2,800	2,900	900
(77)1978/79 3)	4,500	2.00	9,000	6,500			2,600	800
			CORN (JULY-JUNE)					
THAILAND								
(67)1967/68...	598	2.20	1,315	55	1,214	1,291	1,214	54
(68)1968/69...	606	2.49	1,507	104	1,289	1,298	1,289	168
(69)1969/70...	690	2.46	1,700	176	1,502	1,680	1,502	190
(70)1970/71...	749	2.59	1,938	220	1,663	1,470	1,663	245
(71)1971/72...	824	2.79	2,300	280	2,111	2,045	2,111	154
(72)1972/73...	997	1.32	1,320	300	1,039	1,505	1,039	135
(73)1973/74...	1,044	2.25	2,350	341	2,131	2,138	2,131	13
(74)1974/75...	1,082	2.26	2,450	450	1,979	1,947	1,979	34
(75)1975/76...	1,336	2.25	3,000	560	2,386	2,411	2,386	88
(76)1976/77 2)	1,400	1.93	2,700	630	2,070	2,000	2,070	88
(77)1977/78 3)	1,550	1.23	1,900	800	1,100	1,100	1,100	88
			GRAIN SORGHUM (APRIL-MARCH)					
ARGENTINA								
(66)1967/68 6)	764	1.81	1,380	980	409	413	404	11
(67)1968/69 7)	1,083	1.75	1,897	1,088	1,228	1,354	809	14
(68)1969/70 1)	1,302	1.91	2,484	1,136	1,461	1,624	1,354	9
(69)1970/71 1)	1,872	2.04	3,820	2,212	1,960	2,152	1,603	15
(70)1971/72 1)	2,235	2.09	4,660	2,249	1,141	719	2,215	212
(71)1972/73 1)	1,419	1.66	2,360	1,810	1,060	1,766	474	289
(72)1973/74...	2,131	2.16	4,600	2,243	2,776	3,191	2,420	226
(73)1974/75...	2,324	2.54	5,900	2,772	2,494	2,382	2,838	515
(74)1975/76...	1,938	2.49	4,830	2,375	2,612	3,026	2,370	600
(75)1976/77...	1,834	2.76	5,060	2,061	4,639	4,700	3,539	60
(76)1977/78 2)	2,428	2.88	7,000	2,500	3,600	3,400	4,500	60
(77)1978/79 3)	2,400	2.50	6,000	2,600			3,200	260

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC CONSUMPTION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			GRAIN SORGHUM (APRIL-MARCH)					
AUSTRALIA								
(66)1967/68...	203	1.57	319	297	19	67	22	
(67)1968/69...	187	1.54	288	208	82	34	80	
(68)1969/70...	210	1.40	294	243	73	263	17	34
(69)1970/71...	359	1.52	547	268	517	862	278	35
(70)1971/72...	552	2.35	1,298	222	990	654	1,087	24
(71)1972/73...	638	1.92	1,228	500	712	703	692	60
(72)1973/74...	697	1.46	1,018	299	797	898	633	146
(73)1974/75...	540	1.96	1,061	115	856	901	984	108
(74)1975/76...	511	1.76	901	89	815	915	897	23
(75)1976/77...	504	2.23	1,124	82	1,000	950	972	93
(76)1977/78 2)	524	2.02	1,056	96	1,000	1,000	950	103
(77)1978/79 3)	650	2.00	1,300	220			1,000	183
			BARLEY (DECEMBER-NOVEMBER)					
AUSTRALIA								
(67)1967/68 8)	1,057	0.79	834	776	129	121	1,247	327
(68)1968/69 9)	1,341	1.23	1,646	1,007	451	508	549	450
(69)1969/70 10	1,521	1.12	1,699	976	641	703	684	501
(70)1970/71...	2,000	1.18	2,351	1,132	1,123	1,236	1,231	489
(71)1971/72...	2,535	1.21	3,065	1,422	1,844	1,732	1,770	362
(72)1972/73...	2,140	0.81	1,727	1,183	804	730	676	230
(73)1973/74...	1,894	1.27	2,398	1,249	809	1,056	1,168	211
(74)1974/75...	1,826	1.38	2,515	884	1,749	1,699	1,656	186
(75)1975/76...	2,329	1.36	3,179	857	1,954	2,237	2,231	277
(76)1976/77 2)	2,302	1.23	2,831	910	2,150	1,950	1,830	368
(77)1977/78 3)	2,500	1.40	3,500	910	2,200	2,400	2,600	358
			BARLEY (AUGUST-JULY)					
CANADA								
(67)1967/68...	3,287	1.67	5,505	4,685	1,059	739	838	2,850
(68)1968/69...	3,583	1.98	7,099	5,161	411	457	447	4,341
(69)1969/70...	3,787	2.13	8,084	6,463	1,179	2,014	1,497	4,465
(70)1970/71...	4,004	2.22	8,889	6,351	3,823	3,920	3,862	3,141
(71)1971/72...	5,657	2.32	13,099	7,944	4,174	4,573	4,468	3,828
(72)1972/73...	5,062	2.23	11,285	7,312	3,864	3,321	3,598	4,203
(73)1973/74...	4,839	2.11	10,224	7,306	2,663	2,577	2,583	4,538
(74)1974/75...	4,775	1.84	8,802	6,444	2,668	3,208	2,792	4,104
(75)1975/76...	4,468	2.13	9,520	6,741	4,161	4,152	4,156	2,727
(76)1976/77 2)	4,339	2.37	10,304	6,403	3,780	3,800	3,600	3,028
(77)1977/78 3)	4,999	2.00	10,000	6,253	3,700	3,700	3,700	3,075
			TOTAL OF ABOVE					
TOTAL								
(67)1967/68...	14,318	1.52	21,715	14,831	9,123	8,581	9,188	4,091
(68)1968/69...	14,985	1.68	25,230	15,783	9,597	9,445	8,192	5,883
(69)1969/70...	16,463	1.90	31,342	19,094	10,298	12,470	12,178	5,975
(70)1970/71...	18,008	2.09	37,666	18,164	15,334	16,455	19,049	6,432
(71)1971/72...	18,798	1.99	37,395	21,458	17,890	16,427	15,136	7,235
(72)1972/73...	18,203	1.82	33,110	20,956	13,492	14,178	13,406	5,983
(73)1973/74...	18,590	2.31	42,938	22,742	14,652	16,285	18,312	7,867
(74)1974/75...	17,690	2.05	36,329	20,574	18,901	18,254	16,445	7,261
(75)1975/76...	17,785	1.97	35,050	20,105	17,702	18,212	17,988	4,275
(76)1976/77 2)	18,053	2.33	42,013	21,197	19,523	19,950	20,350	4,652
(77)1977/78 3)	19,299	2.01	38,700	21,283	18,100	17,800	17,200	4,869

1) IMPORTS OF 1 NEEDED TO BALANCE S&D. 2) PRELIMINARY. 3) PROJECTION. 4) IMPORTS OF 503 NEEDED TO BALANCE S&D. 5) IMPORTS OF 9 NEEDED TO BALANCE S&D. 6) IMPORTS OF 2 NEEDED TO BALANCE S&D. 7) IMPORTS OF 3 NEEDED TO BALANCE S&D. 8) IMPORTS OF 16 NEEDED TO BALANCE S&D. 9) IMPORTS OF 33 NEEDED TO BALANCE S&D. 10) IMPORTS OF 12 NEEDED TO BALANCE S&D.

NOTE: YEARS IN PARANTHESES ARE 'DESIGNATED PRODUCTION YEARS', USED FOR PURPOSES OF AGGREGATING WORLD CROPS. SEE FOOTNOTE 6 ON PAGE 2. SPLIT YEARS (EG. 1977/78) DENOTE LOCAL MARKETING YEARS.

WESTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	41.4	2.86	118.4	28.1	11.1	17.0	86.3	140.8	-5.4
1970/71	41.4	2.78	115.0	35.3	7.9	27.4	87.7	143.0	-0.6
1971/72	41.5	3.20	132.8	28.4	9.7	18.7	90.3	148.1	3.4
1972/73	41.4	3.21	132.9	30.1	11.9	18.2	94.4	152.3	-1.2
1973/74	41.0	3.29	134.8	33.2	11.3	21.8	96.0	154.4	2.3
1974/75	41.4	3.43	141.8	32.8	12.8	20.0	96.4	156.3	5.5
1975/76	40.6	3.20	130.0	31.0	14.2	16.8	93.6	153.4	-6.5
1976/77 3)	40.8	3.03	123.7	40.0	8.0	32.1	96.3	156.0	-0.2
1977/78 4)	40.4	3.43	138.4	34.2	12.0	22.2	98.2	159.0	1.6
WHEAT									
1969/70	17.4	2.60	45.2	8.6	7.0	1.6	13.7	51.2	-4.4
1970/71	17.1	2.56	43.8	11.1	3.8	7.3	14.3	51.7	-0.6
1971/72	17.1	3.00	51.3	8.0	4.5	3.5	13.9	51.6	3.2
1972/73	16.8	3.05	51.3	8.1	6.8	1.3	16.1	53.2	-0.6
1973/74	16.2	3.14	50.8	6.4	5.8	0.6	12.6	49.4	2.0
1974/75	16.7	3.39	56.7	6.2	8.3	-2.1	13.4	51.5	3.0
1975/76	15.4	3.15	48.5	6.5	9.2	-2.7	10.4	48.6	-2.8
1976/77 3)	16.5	3.09	50.9	5.1	5.4	-0.2	11.9	50.9	-0.2
1977/78 4)	15.4	3.33	51.3	6.9	6.8	0.1	12.5	51.4	0.1
COARSE GRAINS									
1969/70	24.0	3.05	73.2	19.5	4.1	15.4	72.6	89.6	-1.0
1970/71	24.3	2.93	71.2	24.2	4.1	20.1	73.4	91.3	0.0
1971/72	24.4	3.34	81.5	20.4	5.2	15.2	76.4	96.5	0.2
1972/73	24.6	3.32	81.6	22.0	5.1	16.9	78.3	99.1	-0.6
1973/74	24.8	3.39	84.1	26.8	5.5	21.3	83.4	105.0	0.3
1974/75	24.7	3.45	85.1	26.7	4.5	22.1	83.0	104.8	2.4
1975/76	25.2	3.23	81.5	24.5	4.9	19.5	83.2	104.8	-3.8
1976/77 3)	24.3	3.00	72.8	34.9	2.6	32.3	84.4	105.1	0.0
1977/78 4)	24.9	3.49	87.0	27.3	5.2	22.1	85.6	107.7	1.5

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EUROPEAN COMMUNITY: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	26.9	3.42	92.1	22.0	9.7	12.3	66.8	109.2	-4.8
1970/71	26.9	3.27	88.0	28.7	6.7	22.0	67.3	110.1	-0.1
1971/72	26.9	3.74	100.5	22.2	8.2	14.0	67.8	113.1	1.4
1972/73	26.9	3.84	103.3	22.9	10.1	12.8	71.1	116.6	-0.5
1973/74	26.7	3.97	105.8	23.2	10.5	12.7	71.3	117.2	1.3
1974/75	26.7	4.05	108.2	23.3	10.8	12.4	69.5	116.2	4.5
1975/76	26.3	3.70	97.3	22.4	12.3	10.0	66.9	113.2	-5.9
1976/77 3)	26.2	3.48	91.1	29.8	5.8	24.1	68.5	115.4	-0.2
1977/78 4)	26.3	4.00	105.0	23.2	10.0	13.2	69.0	116.5	1.7
WHEAT									
1969/70	11.1	3.22	35.7	7.1	6.0	1.1	12.1	40.8	-4.0
1970/71	10.9	3.18	34.7	9.5	3.4	6.1	12.4	40.8	0.0
1971/72	11.1	3.61	40.1	6.8	4.1	2.7	11.9	41.0	1.8
1972/73	11.1	3.74	41.5	7.0	6.0	1.0	14.3	42.8	-0.3
1973/74	10.8	3.82	41.4	4.9	5.2	-0.3	11.5	40.0	1.1
1974/75	11.2	4.04	45.4	5.0	6.9	-2.0	11.9	40.7	2.7
1975/76	10.5	3.64	38.1	5.4	8.0	-2.6	9.0	37.9	-2.4
1976/77 3)	11.2	3.52	39.6	3.9	4.0	-0.1	10.3	39.7	-0.2
1977/78 4)	10.4	3.94	41.1	5.3	5.7	-0.5	11.1	40.4	0.3
COARSE GRAINS									
1969/70	15.8	3.57	56.4	14.9	3.7	11.2	54.7	68.4	-0.8
1970/71	16.0	3.33	53.3	19.2	3.3	15.9	54.9	69.3	-0.1
1971/72	15.8	3.82	60.4	15.4	4.1	11.3	55.9	72.1	-0.4
1972/73	15.8	3.91	61.8	15.9	4.1	11.8	56.8	73.8	-0.2
1973/74	15.9	4.06	64.4	18.3	5.3	13.0	59.8	77.2	0.1
1974/75	15.5	4.05	62.8	18.3	3.9	14.4	57.6	75.5	1.7
1975/76	15.8	3.74	59.2	16.9	4.3	12.6	57.9	75.3	-3.5
1976/77 3)	15.0	3.44	51.5	25.9	1.8	24.2	58.2	75.7	-0.0
1977/78 4)	15.8	4.03	63.9	18.0	4.3	13.7	57.9	76.1	1.4

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EASTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	TOTAL USAGE 1)	STOCKS CHANGE 2)
TOTAL GRAINS								
1969/70	31.0	2.45	75.8	7.6	2.7	4.9	79.7	1.0
1970/71	29.4	2.27	66.7	10.3	2.4	7.9	76.3	-1.7
1971/72	30.3	2.71	82.0	10.3	1.5	8.8	91.1	-0.3
1972/73	30.4	2.87	87.4	9.8	2.4	7.4	95.0	-0.2
1973/74	29.6	2.95	87.2	9.4	4.5	4.9	91.7	0.4
1974/75	29.4	3.10	91.3	11.1	2.9	8.2	98.5	1.0
1975/76	29.6	2.97	87.8	11.6	4.2	7.4	96.0	-0.7
1976/77 3)	29.6	3.18	93.9	14.4	3.0	11.4	103.3	2.0
1977/78 4)	30.0	3.16	94.7	11.2	4.1	7.1	102.3	-0.6
WHEAT								
1969/70	10.9	2.34	25.5	4.7	1.3	3.4	28.5	0.4
1970/71	10.2	2.25	23.0	6.7	0.9	5.8	29.2	-0.4
1971/72	10.7	2.82	30.2	5.2	0.9	4.3	35.2	-0.7
1972/73	10.8	2.84	30.7	4.6	0.9	3.7	34.6	-0.2
1973/74	10.3	3.05	31.5	5.6	2.0	3.7	35.0	0.1
1974/75	10.6	3.22	34.0	4.7	1.7	3.0	35.9	1.2
1975/76	9.9	2.86	28.5	4.9	1.3	3.6	33.6	-1.6
1976/77 3)	10.3	3.36	34.5	6.0	1.5	4.5	38.2	0.9
1977/78 4)	10.3	3.28	34.0	4.6	2.1	2.5	37.0	-0.5
COARSE GRAINS								
1969/70	20.1	2.50	50.3	2.9	1.4	1.5	51.2	0.6
1970/71	19.2	2.28	43.7	3.6	1.5	2.1	47.1	-1.3
1971/72	19.6	2.64	51.8	5.1	0.6	4.5	55.9	0.4
1972/73	19.6	2.89	56.7	5.2	1.5	3.7	60.4	0.0
1973/74	19.2	2.90	55.7	3.8	2.5	1.3	56.7	0.3
1974/75	18.9	3.04	57.3	6.4	1.2	5.2	62.6	-0.2
1975/76	19.7	3.02	59.4	6.7	2.9	3.8	62.4	0.8
1976/77 3)	19.3	3.08	59.4	8.4	1.5	6.9	65.1	1.2
1977/78 4)	19.6	3.09	60.7	6.6	2.1	4.5	65.3	-0.1

1) CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS FOR THOSE COUNTRIES FOR WHICH NO STOCKS DATA ARE AVAILABLE.
2) INCLUDES YEAR-TO-YEAR FLUCTUATIONS ONLY FOR THOSE COUNTRIES/COMMODITIES FOR WHICH STOCK DATA ARE AVAILABLE.
3) PRELIMINARY.
4) PROJECTION.

SELECTED WORLD GRAIN PRICES, CIF ROTTERDAM 1/
(In U.S. dollars per metric ton)

	WHEAT			CORN	SORGHUM
	U.S. No. 2 Dark Northern Spring 14%	U.S. No. 2 Hard Winter 13½%	2/ Canadian Western Red Spring 13½%	U.S. No. 3 Yellow Corn	U.S. No. 2 Yellow Sorghum
1970/71 (July-June)	73.71	71.19	74.13	69.07	68.20
1971/72 (July-June)	69.74	66.69	72.42	57.01	60.80
1972/73 (July-June)	100.14	92.50	101.97	77.12	78.64
1973/74 (July-June)	202.95	200.35	214.40	132.90	127.20
1974/75 (July-June)	204.26	189.05	209.65	143.18	135.53
1975/76 (July-June)	187.15	177.70	195.12	128.80	122.50
1974					
January	239.65	229.65	239.20	136.20	133.00
February	240.50	231.85	243.90	142.90	136.80
March	227.85	224.50	240.15	146.45	137.00
April	182.30	183.35	214.30	131.90	124.90
May	180.50	170.50	185.45	129.50	116.10
June	209.15	177.10	204.10	133.05	117.00
July	213.85	190.70	216.25	139.75	123.60
August	217.40	194.00	215.80	139.05	138.00
September	214.25	203.55	213.05	152.75	142.20
October	232.60	229.65	233.95	163.40	161.00
November	233.20	228.90	236.80	164.55	163.00
December	227.80	219.35	231.85	159.60	159.70
1975					
January	203.90	194.75	208.75	143.30	135.50
February	192.04	180.20	198.16	137.13	127.30
March	178.70	175.85	181.90	135.25	124.50
April	181.77	159.25	192.10	130.34	127.11
May	180.83	145.85	192.58	123.49	116.39
June	174.76	146.50	195.00	129.60	108.08
July	185.35	174.35	205.05	140.90	118.20
August	195.95	187.65	210.20	147.45	134.90
September	203.90	195.10	228.20	138.20	132.30
October	193.20	185.00	219.35	132.35	128.75
November	182.50	172.65	NA	121.68	122.05
December	187.45	166.50	NA	118.65	119.55
1976					
January	183.45	168.30	NA	118.45	118.50
February	194.90	183.10	NA	121.30	119.90
March	194.35	182.85	174.50 3/	122.05	120.25
April	174.35	175.55	166.32 3/	122.24	115.18
May	177.80	169.05	168.85 3/	129.35	119.60
June	181.30	172.20	188.50 3/	133.00	120.90
July	176.46	175.70	174.55 3/	133.80	121.05
August	158.15	159.45	158.10	128.10	117.30
September	148.40	149.50	155.00	132.25	119.55
October	138.25	138.90	145.00	119.95	113.45
November	137.30	130.84	140.70	108.80	105.90
December	139.00	131.80	136.77	111.10	107.70
1977					
January	145.50	134.85	143.60	123.00	111.20
February	147.75	133.30	146.00	123.90	112.35
March	134.30	131.80	135.40	117.15	104.80
April	130.15	127.65	133.10	115.45	100.10
May	124.30	118.30	131.85	110.20	97.15
June 4/	114.45	112.20	124.50	103.05	91.70
July	111.15	109.50	120.50	95.00	87.75
July 5	113.00	110.00	123.00	97.00	88.00
12	112.00	109.75	122.50	95.25	87.50
19	109.50	109.00	119.00	94.00	87.00
26	110.00	109.25	117.50	93.75	88.50
August 2	108.25	108.00	116.00	90.50	88.00
10	108.00	107.50	116.50	88.00	87.75
16	109.75	103.50	116.50	88.00	87.75

1/ Hamburg Mercantile Exchange prices for Rotterdam. Averages: basis daily market quotes. 30 days delivery.
2/ Prior to September 1971 prices for No. 2 Manitoba Northern.
3/ Canadian No. 2 CWRS - 12.5 percent protein.
4/ Basis June-July Agricultural Attache the Hague prices.

U.S.: TOTAL GRAINS
SUPPLY/DISTRIBUTION

	BEGINNING STOCKS	HARVESTED AREA	YIELD	PRODUCTION	IMPORTS	EXPORTS	FEED USAGE	TOTAL CONSUMPTION
	MILLION METRIC TONS/MILLION HECTARES							
TOTAL GRAINS								
1961/62	115.7	64.2	2.5	161.0	0.6	35.4	112.2	140.2
1962/63	101.7	59.7	2.7	159.3	0.3	33.2	108.5	136.9
1963/64	91.2	61.5	2.8	171.5	0.4	40.6	106.0	135.0
1964/65	87.5	60.1	2.6	157.4	0.3	39.4	104.6	133.6
1965/66	76.5	59.5	3.0	180.0	0.3	49.6	119.6	149.0
1966/67	58.2	60.3	3.0	180.4	0.3	41.4	118.3	148.0
1967/68	49.5	65.0	3.1	203.8	0.2	42.2	118.5	148.7
1968/69	62.6	62.1	3.2	197.7	0.2	31.5	127.1	157.2
1969/70	71.8	58.5	3.4	200.9	0.4	35.4	134.6	164.7
1970/71	73.0	58.3	3.1	183.0	0.3	39.1	131.8	162.6
1971/72	54.6	63.0	3.7	233.8	0.3	41.1	143.2	174.2
1972/73	73.4	57.5	3.9	224.0	0.4	70.2	147.5	180.0
1973/74	48.0	62.8	3.7	233.0	0.3	74.2	143.3	176.1
1974/75	31.0	67.7	2.9	199.3	0.6	63.6	107.0	140.1
1975/76	27.3	71.0	3.4	243.0	0.5	82.0	118.2	153.4
1976/77	35.5	72.5	3.5	251.5	0.4	75.8	115.1	150.8
1977/78	60.8	70.8	3.5	249.1	0.3	70.8	125.1	161.4
1978/79	78.0							
WHEAT								
1971/72	22.4	19.3	2.3	44.0	0.0	16.6	7.0	23.0
1972/73	26.8	19.1	2.2	42.0	0.0	30.8	5.5	21.7
1973/74	16.3	21.8	2.1	46.4	0.1	33.1	3.7	20.4
1974/75	9.2	26.5	1.8	48.9	0.1	27.7	1.9	18.6
1975/76	11.8	28.2	2.1	58.1	0.1	31.9	2.2	20.0
1976/77	18.1	28.7	2.0	58.4	0.1	25.8	3.1	20.6
1977/78	30.2	26.9	2.1	55.5	0.1	27.2	6.4	23.9
1978/79	34.7							
COARSE GRAINS								
1971/72	32.2	43.7	4.3	189.8	0.3	24.5	136.2	151.2
1972/73	46.6	38.4	4.7	182.0	0.4	39.4	142.0	158.0
1973/74	31.7	41.6	4.5	186.6	0.2	41.1	139.6	155.6
1974/75	21.8	41.1	3.7	150.5	0.5	35.9	105.1	121.4
1975/76	15.4	42.8	4.3	184.9	0.4	50.0	116.0	133.4
1976/77	17.4	43.9	4.4	193.1	0.3	50.0	112.0	130.2
1977/78	30.6	43.9	4.4	193.5	0.2	43.6	118.7	137.5
1978/79	43.3							
	MILLION BUSHELS/MILLION ACRES							
WHEAT								
1973/74	599	53.9	31.6	1705	3	1217	137	751
1974/75	339	65.6	27.4	1796	3	1018	71	685
1975/76	435	69.6	30.7	2135	2	1173	81	735
1976/77	664	70.8	30.3	2147	3	949	114	756
1977/78	1109	66.5	30.7	2041	2	1000	235	878
1978/79	1274							
CORN								
1973/74	709	61.9	91.2	5647	1	1243	4193	4631
1974/75	483	65.4	71.3	4664	2	1149	3191	3641
1975/76	359	67.2	86.3	5797	2	1711	3558	4049
1976/77	398	71.1	87.4	6216	2	1650	3550	4065
1977/78	901	69.8	87.3	6092	1	1450	3750	4280
1978/79	1264							
SORGHUM								
1973/74	73	15.9	58.5	930	0	234	702	708
1974/75	61	13.9	45.3	629	0	212	437	443
1975/76	35	15.5	49.0	760	0	229	508	514
1976/77	52	14.9	48.6	724	0	255	420	426
1977/78	95	14.1	51.4	725	0	225	450	456
1978/79	139							
BARLEY								
1973/74	192	10.5	40.2	422	9	93	239	384
1974/75	146	8.2	37.1	304	20	42	187	336
1975/76	92	8.7	44.1	384	16	24	192	339
1976/77	129	8.4	44.9	377	11	66	167	324
1977/78	127	9.6	42.3	406	10	40	180	344
1978/79	159							
OATS								
1973/74	461	14.1	47.3	667	0	57	675	763
1974/75	308	13.2	46.5	614	0	19	595	679
1975/76	224	13.6	48.4	658	1	14	574	661
1976/77	208	12.4	45.3	562	1	10	504	593
1977/78	168	14.4	52.6	758	[illegible]	10	540	630
1978/79	286							
RYE								
1973/74	39	1.0	26.0	26	0	28	10	23
1974/75	14	0.9	21.1	19	0	6	9	21
1975/76	7	0.8	22.5	18	1	1	9	20
1976/77	5	0.8	21.2	17	1	1	8	18
1977/78	5	0.8	25.5	20	0	1	10	21
1978/79	3							

NOTES: TOTAL GRAINS INCLUDE WHEAT, CORN, SORGHUM, BARLEY, OATS AND RYE.
COMMODITY YEARS AS FOLLOWS: JUNE/MAY - WHEAT, BARLEY, OATS AND RYE.
OCTOBER/SEPTEMBER - CORN AND SORGHUM.
DOES NOT INCLUDE CANADIAN TRANSSHIPMENTS; INCLUDES MAJOR PRODUCTS

U.S. RICE
SUPPLY/DISTRIBUTION
August/July Marketing Year

	Area Harvested	Yield	Rough Production	Beginning Stocks	Milled Production	Imports	Exports	Total Consumption 1/
	Thousand Metric Tons/Thousand Hectares							
1960/61	645	3.84	2477	395	1756	9	919	911
1961/62	643	3.82	2459	330	1763	13	936	997
1962/63	718	4.17	2996	173	2133	1	1119	937
1963/64	717	4.45	3188	251	2295	1	1385	917
1964/65	723	4.59	3318	245	2386	15	1387	1008
1965/66	725	4.77	3460	251	2497	22	1418	1081
1966/67	796	4.84	3856	271	2805	-	1719	1079
1967/68	797	5.09	4054	278	2950	-	1887	1119
1968/69	952	4.96	4723	222	3459	-	1819	1330
1969/70	861	4.84	4168	532	3003	7	1791	1215
1970/71	734	5.18	3801	536	2796	48	1474	1295
1971/72	736	5.28	3889	611	2837	36	1808	1304
1972/73	736	5.26	3874	372	2828	17	1733	1317
1973/74	878	4.79	4209	167	3035	7	1607	1347
1974/75	1026	4.97	5098	255	3667	-	2207	1483
1975/76	1134	5.12	5806	232	4077	-	1744	1390
1976/77	985	5.39	5307	1175	3821	-	2150	1399
1977/78	891	5.12	4563	1447	3285	-	2113	1479
1978/79				1140				
	Million Hundredweight/Million Acres							
1971/72	1.8	47.67	85.8	18.6		1.1	56.9	37.2
1972/73	1.8	47.44	85.4	11.4		.5	54.0	38.2
1973/74	2.2	42.18	92.8	5.1		.2	49.7	40.6
1974/75	2.5	44.96	112.4	7.8		-	69.5	43.6
1975/76	2.8	45.71	128.0	7.1		-	56.5	41.7
1976/77	2.5	46.79	117.0	36.9		-	65.8	43.8
1977/78	2.2	45.69	100.6	44.3		-	64.7	45.3
1978/79				34.9				

1/ Includes statistical discrepancy in Supply/Use Report.

SOURCE: Agricultural Supply Demand Estimate Report.

WORLD WHEAT S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	214.6	1.44	54.2	308.7	58.1	281.9
1967/68	219.3	1.36	81.0	297.3	53.5	289.8
1968/69	224.2	1.47	88.4	328.6	49.8	304.6
1969/70	217.9	1.42	112.4	309.9	55.2	326.9
1970/71	206.9	1.53	95.4	315.7	53.4	339.1
1971/72	212.8	1.64	72.0	348.2	55.6	341.4
1972/73	210.8	1.63	78.8	343.3	70.8	361.2
1973/74	216.5	1.72	61.0	371.6	72.6	363.5
1974/75	220.5	1.62	69.1	356.4	68.0	363.0
1975/76	226.9	1.54	62.5	349.4	73.2	349.2
1976/77 4)	231.9	1.78	62.7	412.7	64.1	375.4
1977/78 5)	230.7	1.72	100.0	397.6	71.2	397.2
1978/79 5)			100.3			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIS FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	329.8	1.57	67.1	517.7	43.0	516.8
1967/68	334.9	1.62	68.1	541.4	44.6	532.5
1968/69	334.9	1.63	77.0	545.7	39.8	541.7
1969/70	338.4	1.69	81.0	570.9	47.1	570.2
1970/71	339.6	1.68	81.7	569.1	53.3	585.7
1971/72	340.9	1.82	65.1	621.9	55.5	608.6
1972/73	338.0	1.78	78.4	602.7	69.0	620.5
1973/74	351.3	1.88	60.6	660.9	80.9	665.3
1974/75	349.2	1.78	56.2	620.4	69.5	625.1
1975/76	354.4	1.79	51.5	634.5	88.7	635.0
1976/77 4)	356.4	1.94	51.0	692.1	83.9	674.3
1977/78 5)	359.4	1.91	68.8	688.1	76.5	671.1
1978/79 5)			85.8			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD WHEAT & COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	544.4	1.52	121.3	826.4	101.1	798.7
1967/68	554.2	1.51	149.1	838.7	98.1	822.3
1968/69	559.1	1.56	165.4	874.3	89.6	846.3
1969/70	556.3	1.58	193.4	880.8	102.3	897.1
1970/71	546.5	1.62	177.1	884.8	106.7	924.8
1971/72	553.7	1.75	137.1	970.1	111.1	950.0
1972/73	548.8	1.72	157.2	946.0	139.8	981.7
1973/74	567.8	1.82	121.6	1032.5	153.5	1028.8
1974/75	569.7	1.71	125.3	976.8	137.5	988.1
1975/76	581.3	1.69	114.0	983.9	161.9	984.2
1976/77 4)	588.3	1.88	113.7	1104.8	148.0	1049.7
1977/78 5)	590.1	1.84	168.8	1085.6	147.7	1068.3
1978/79 5)			186.2			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD RICE S & D 1)
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD 2)	PRODUCTION ROUGH	PRODUCTION MILLED	BEGINNING 3) STOCKS	TOTAL 4) EXPORTS	TOTAL 5) CONSUMPTION
1966/67	125.3	2.12	265.1	179.4	10.1	7.4	180.9
1967/68	127.1	2.25	286.5	193.8	8.6	6.9	190.6
1968/69	128.3	2.25	289.0	195.4	11.8	6.8	192.2
1969/70	132.0	2.27	299.9	202.7	15.0	7.4	200.0
1970/71	131.4	2.35	309.3	209.0	17.7	8.0	208.1
1971/72	131.6	2.39	313.9	212.0	18.6	8.1	214.8
1972/73	130.9	2.31	302.9	204.7	15.8	8.1	209.7
1973/74	135.1	2.40	324.3	219.0	10.2	7.7	216.7
1974/75	137.2	2.40	330.0	222.9	12.5	7.6	223.4
1975/76	139.0	2.54	353.6	238.7	12.1	8.1	232.8
1976/77 6)	138.8	2.45	340.4	229.9	17.9	8.1	232.2
1977/78 7)	141.6	2.45	350.0	236.0	15.6	8.1	237.1
1978/79 7)					14.3		

1) PRODUCTION IS EXPRESSED ON BOTH ROUGH AND MILLED BASIS; STOCKS, EXPORTS AND CONSUMPTION ARE EXPRESSED ON MILLED BASIS.
2) BASED ON ROUGH PRODUCTION.
3) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLS STOCK LEVELS AT A FIXED POINT IN TIME. COMPARARABLE DATA NOT AVAILABLE FOR YEARS PRIOR TO 1966/67.
4) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
5) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, CONSUMTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
6) PRELIMINARY.
7) PROJECTION.

WORLD TOTAL GRAINS S & D *
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	669.7	1.63	131.5	1004.3	108.5	978.2
1967/68	681.2	1.65	157.7	1031.2	105.0	1011.5
1968/69	687.4	1.69	177.3	1069.7	96.4	1038.5
1969/70	688.3	1.72	208.5	1083.4	109.8	1097.1
1970/71	677.8	1.76	194.8	1093.7	114.6	1132.8
1971/72	685.3	1.87	155.7	1182.0	119.2	1164.6
1972/73	678.8	1.84	173.1	1150.1	148.0	1191.5
1973/74	702.6	1.93	131.8	1251.5	161.2	1245.5
1974/75	707.0	1.85	137.7	1199.7	145.1	1211.5
1975/76	720.3	1.86	126.0	1222.5	170.0	1217.1
1976/77 4)	727.2	1.99	131.5	1334.9	156.1	1281.9
1977/78 5)	731.7	1.96	183.3	1321.6	155.8	1305.4
1978/79 5)			700.7			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED TO INCLUDE YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS. RICE STOCKS PRIOR TO 1966/67 ARE NOT AVAILABLE.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE AND CALENDAR YEAR TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

NOTE: INCLUDES WHEAT, COARSE GRAINS, AND RICE. YIELD IS CALCULATED ON ROUGH (PADDY) BASIS. PRODUCTION, TRADE, AND CONSUMPTION ARE EXPRESSED ON MILLED BASIS FOR RICE.

FOOTNOTES TO WORLD GRAIN SUMMARY TABLES
(TABLES ON PAGES 2,4,5)

1) Wheat, wheat flour, corn, barley, oats, sorghum, and rye excluding products.

2) Argentina, Australia, Canada, Brazil, South Africa, and Thailand. Trade figures exclude South African wheat. Production figures exclude Brazilian and South African wheat.

3) Adjusted for transshipments through Canadian ports: Excludes products other than flour.

4) Wheat, rye, corn, barley, oats, sorghum, millet, and mixed grains.

5) Production data include all harvests occurring within the July-June year indicated, except that small grain crops from the early harvesting Northern Hemisphere areas are "moved forward;" i.e., the May 1976 harvests in areas such as India, North Africa, and southern United States are actually included in "1976/77" accounting period which begins July 1, 1976.

6) "Bunker weight" basis; not discounted for excess moisture and foreign material.

7) Consumption data are based on an aggregate of differing local marketing years. For countries for which stocks data are not available (excluding the USSR) consumption estimates represent "apparent" consumption, i.e., they are inclusive of annual stock level adjustments.

8) Stocks data are based on an aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as the People's Republic of China, and parts of Eastern Europe: The world stock levels have been adjusted for estimated year-to-year changes in the USSR grain stocks, but do not purport to include the entire absolute level of USSR stocks.

9) Inclusive of Soviet stock changes: See footnote 8.

10) Corn, barley, oats, sorghum, and rye, excluding products.

11) Corn, barley, oats, rye, sorghum, millet, and mixed grains.

NOTE: Projections included for the U.S. in all the tables are the levels agreed to in the latest agricultural supply-demand estimates report.

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WORLD CONSUMPTION OF GRAIN AS LIVESTOCK FEED

Present Level of Global Feeding

Global utilization of grain by livestock currently approximates 450 million metric tons annually. This is nearly one-half of the world's yearly production and, if seed use and waste loss are excluded, represents well over one-half of total world grain consumption. Worldwide feeding is approximately equal to the grain production of the United States, the Soviet Union, and Australia.

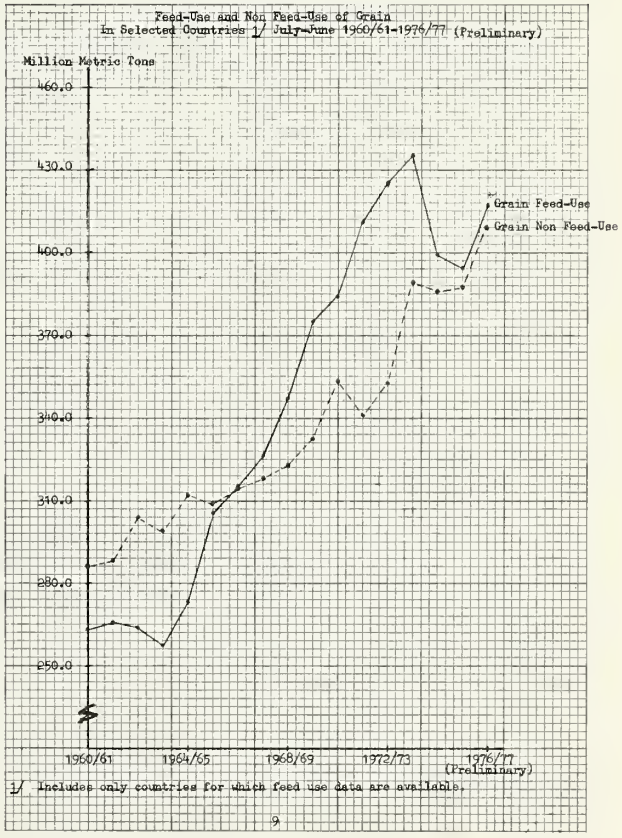
While some grain is fed directly on farms with little or no processing, much of it is ground or rolled and then mixed with other ingredients on the farm. A large volume goes into commercially prepared formula feeds, which account for as much as 95 percent of total grain feeding in some countries, such as Japan. In most countries, however, the proportion is much less.

Location of World Grain Feeding

The feeding of grain to livestock is generally concentrated in developed rather than developing countries. It tends to be heaviest in those that are net exporters of grain. Following is a listing of the 10 largest grain feeding countries—which collectively account for 75 percent of the world total—and the percentage of the global total represented by each:

	Total Grain Fed, 1976/77 (Prelim.) *(Mil. MT)*	Share of Total World Grains Fed *(Percent)*
United States	115.1	25
Soviet Union	101.5	22
West Germany	16.8	4
Canada	16.7	4
Poland	16.6	4
France	16.2	4
Japan	13.3	3
Brazil	13.1	3
United Kingdom	12.7	3
Spain	11.9	3

Major increases in livestock feeding began to occur after 1963/64. Until that time, nonfeed use of grain tended to rise more sharply than use for feeding. Since 1963/64, the upward trend in feeding was more significant than nonfeed use until 1974/75, when feed use dropped sharply. Since that time, feeding has been recovering and in 1977/78 is projected to exceed the record global level of 1973/74.



Areas With Largest Feed-Use Increases

The recent largest gains in feed use of grain have occurred outside the United States. Since 1960/61, excluding the United States, world grain feeding has risen by 165 million metric tons, or nearly doubled. The largest growth in absolute terms since the early 1960's has been in the Soviet Union—60 million metric tons, or a 250 percent rise.

In proportional terms, the largest increases have occurred in Mexico (15 times), Japan (4 times), Spain (3 times), and Brazil (2½ times). The United States reached a peak in 1972/73, when feeding was nearly 40 million tons above that of 1960/61. Since then, feeding in this country has fallen off, but with the return of larger world grain crops, it is expected to recover significantly.

Feeding Coarse Grains Versus Wheat

Coarse grains predominate in livestock feeding and represent roughly 90 percent of all grains fed. The current level of coarse grain feeding is slightly above 400 million metric tons a year. Corn is the major coarse grain fed and represents nearly 50 percent of the total. About half as much barley (27 percent) is fed. Oats, sorghum, and rye follow at 10, 7, and 3 percent, respectively, in the total feeding of coarse grains.

Approximately 60 percent of total world production of corn is consumed by livestock, 62 percent of the barley, 78 percent of the oats, and 40 percent of sorghum production (Table 1). The growth in coarse grain feeding since 1960/61 has been roughly 140 million metric tons, or 55 percent.

While world coarse grain production is consumed largely by livestock, the opposite is true for wheat, which is used largely for food purposes. Wheat, however, contributes significantly to livestock feeding, especially during periods of burdensome supply situations. While only a small percentage of total grain feeding, wheat feeding has nearly doubled since 1960/61, however, rising from about 25 million tons to over 50 million in 1976/77. As world wheat stocks increase, lower prices relative to coarse grains permit larger amounts of wheat to be fed. However, since it can be fed only up to a certain proportion of total grain intake, wheat is often used only to supplement rather than replace coarse grains in livestock rations. The current level of world wheat feeding is about 50 million tons, about 12 percent of all grains fed. About 50 percent of this feeding of wheat occurs in the Soviet Union.

The proportions of wheat to coarse grains fed vary among individual countries. Wheat use in the USSR, for example, the world's largest user of wheat for livestock feed, ranges from 25 to 35 percent of total feeding in the country. Although the Soviet Union is a relatively large producer and consumer of coarse grains, the Soviets feed low-quality milling wheat rather than purchase large amounts of coarse grains on the world market.

The European Community, which remains a deficit coarse grain producer, is also a relatively large consumer of wheat for livestock feed, (averaging about 15 percent of total grain fed) particularly when world wheat prices are low relative to coarse grain prices and do not favor exporting the wheat. The United States, on the other hand, feeds only between two and five percent wheat out of the total volume of grain fed in the country. U.S. wheat is primarily used for food purposes, with more than 50 percent of the crop normally exported in 1 year.

The importance of coarse grains in livestock rations might be viewed in terms of what has been occurring in trade. Prior to 1972, world wheat trade volume consistently exceeded that of coarse grains. However, beginning in 1973, trading in coarse grains has exceeded that in wheat.

Fluctuations in Feed Use

A steady upward trend has occurred in total world consumption of grain for both feed and nonfeed purposes. Given the relatively inelastic demand for grain as food, the growth pattern for nonfeed purposes has been relatively predictable, closely following the growth in world population. The rise in the feeding of grain to livestock, on the other hand, has been subject to occasional fluctuations.

Temporary conditions, such as short supply situations, often affect the feed use patterns of grain. This is particularly true in countries like the United States and Canada where large numbers of cattle are fed. In these countries strong export demand for grain can also result in less grain being fed.

High grain prices in other areas, such as in the European Community, have resulted in increased feeding of high protein feeds in combination with other sources of energy like tapioca and industrial byproducts. Grain production shortfalls in countries such as the Soviet Union and the East European Bloc have not only resulted in less grain feeding to all classes of livestock, but even in the reduction of animal inventories, particularly hogs and poultry that are fed predominantly concentrate rations. In many other countries dependent on feed grain imports, Japan and Spain, for example, only minor declines in feeding have taken place when grain prices were high.

Long-run trends in grain feeding are a function of the demand for livestock products, especially meat, as influenced by rising consumer income levels. Sustained levels of grain supplies at attractive prices also lead to increased usage of grain through structural shifts in meat production processes, such as the increasing intensification of livestock feeding operations in attempts to increase feeding efficiency.

The greatest fluctuations in year-to-year use of grain by livestock have occurred in the United States and the Soviet Union. In 1974/75 the 35-million-metric-ton fall in world grain feeding occurred mostly in the United States, at least partly the result of a drop in domestic grain production of about the same magnitude. Smaller grain supplies and strong foreign demand made domestic livestock feeding less attractive and increased usage of forage in cattle rations resulted.

It was the Soviet situation that accounted for most of the further decline that occurred in total world grain feeding in

1975/76. That year the Soviets suffered a severe setback in grain production and were forced to import substantial quantities of grain in order to maintain their livestock herds. This resulted in keeping grain prices high and, along with global recession conditions, caused relatively low levels of grain feeding to occur in certain other countries.

With the exception of the United States and USSR, world grain feeding has shown essentially a steady upward trend, other than the dip that occurred in the European Community in 1974/75 and 1975/76. In those years, livestock product consumption was down because of recession conditions that resulted in decreased grain feeding to livestock; in addition, reduced world grain availabilities hampered feeding and resulted in the substitution of other feedstuffs, including oilseed meals and other sources of protein.

Outlook for 1977/78

The annual growth rate in grain used for animal feeding for the period 1960/61-1976/77 approximated three percent. For 1977/78, feeding is expected to increase four percent, to a record 475 million metric tons. The major reasons for the expected increase are larger grain supplies and improved economic conditions that result in larger demand for fed livestock.

NOTE: Information in this circular was prepared by Grain & Feed Division, FCA/FAS. For further information call 202-447-5413.

Table 1: Feed Use of Major Feed Grains and Wheat as a Percentage of Total World Production of each Grain 1960/61 and 1976/77 1/

	U.S.	Soviet Union	Other	Total World
Wheat				
1960/61	2/	4	7	11
1976/77	1	6	5	12
Corn				
1960/61	39	4	21	64
1976/77	27	4	29	60
Barley				
1960/61	7	13	37	57
1976/77	2	25	35	62
Oats				
1960/61	24	15	41	80
1976/77	15	26	37	78
Sorghum				
1960/61	21	2/	8	29
1976/77	16	2/	24	40

1/ 1976/77 data are preliminary. 2/ Less than one percent.

Table 2: Estimated Total World Grain Feed-Use
July-June, 1960/61-1977/78 (Forecast)
(Million Metric Tons)

	1960/61	1961/62	1962/63	1963/64	1964/65	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76 (prelim.)	1976/77 (forecast)	1977/78 (forecast)
North America																		
Canada	12.0	8.9	11.6	12.3	12.4	13.4	14.5	13.8	14.2	16.2	17.0	18.4	18.0	18.3	15.4	16.6	16.7	16.6
Mexico	.3	.4	.6	.5	.7	.9	1.2	1.7	2.0	2.2	2.3	2.8	2.6	3.8	4.1	4.3	4.4	4.6
United States	110.4	112.8	109.3	106.3	105.4	120.1	118.2	118.9	127.0	134.0	132.2	143.2	148.1	143.3	107.2	118.2	115.1	125.1
Other 1/	0.5	0.5	0.3	0.5	0.3	0.5	0.6	0.4	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.6	0.7	0.6
Sub-Total	123.2	122.6	121.8	119.6	118.8	134.9	134.5	134.8	143.8	152.9	152.0	164.9	169.2	165.9	127.1	139.7	136.9	146.9
South America																		
Argentina	4.6	4.2	2.1	2.9	3.6	3.9	4.6	3.9	3.9	5.6	4.5	5.6	5.8	6.4	5.3	5.2	6.1	5.8
Brazil	5.3	6.0	6.3	5.7	6.3	8.0	7.2	7.6	10.1	8.9	9.5	12.7	10.1	12.7	12.2	12.5	13.1	13.5
Venezuela	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.2	.4	.5	.6	.8	1.0	1.1
Other 2/	1.3	1.1	1.1	1.2	1.4	1.5	1.5	1.7	1.6	1.7	1.7	1.8	1.8	2.1	2.0	1.9	1.9	2.0
Sub-Total	11.3	11.4	9.6	9.9	11.4	13.6	13.5	13.4	15.8	16.4	16.0	20.3	18.1	21.7	20.1	20.4	22.1	22.4
Western Europe																		
European Economic Community																		
France	11.1	11.1	12.1	11.9	12.9	13.7	13.8	14.9	14.2	15.1	15.7	15.5	17.0	16.9	16.8	16.1	16.2	16.7
West Germany	9.7	10.3	10.4	10.7	11.6	11.3	11.6	13.6	14.1	15.3	14.7	15.4	15.8	16.6	16.5	16.5	16.8	17.6
Italy	6.2	6.4	7.0	8.8	8.4	9.2	9.4	10.0	9.9	10.2	10.6	10.7	10.9	11.1	10.3	10.6	10.8	10.9
United Kingdom	10.8	11.1	12.2	11.8	12.3	12.7	12.1	12.9	13.1	13.4	13.4	13.8	14.0	13.1	12.7	11.8	12.7	12.5
Other 3/	12.0	11.8	11.8	12.2	12.3	12.3	12.7	12.6	11.9	12.9	12.9	12.4	13.5	13.6	13.2	11.9	12.0	11.8
Sub-Total	49.8	50.7	53.5	55.4	57.5	59.2	59.6	64.0	63.2	66.9	67.3	67.8	71.2	71.3	69.5	66.9	68.5	69.5
Other Western Europe																		
Spain	3.7	3.9	4.7	5.7	5.0	6.3	7.0	7.5	8.2	8.3	8.3	10.2	9.6	10.5	12.3	11.9	11.9	12.8
Other 4/	8.2	8.1	8.2	8.5	9.6	9.9	10.2	10.6	11.6	11.1	12.1	12.4	14.4	14.3	14.6	14.8	15.9	16.6
Sub-Total	11.9	12.0	12.9	14.2	14.6	16.2	17.2	18.1	19.8	19.4	20.4	22.6	23.2	24.8	26.9	26.7	27.8	29.4
Eastern Europe																		
Poland	9.0	9.9	9.2	10.1	9.3	9.9	9.6	10.3	11.2	12.0	10.8	14.8	14.3	15.4	17.8	17.1	16.6	18.0
Yugoslavia	5.9	4.6	5.2	6.2	7.0	6.3	7.5	6.8	6.1	7.1	7.5	8.2	7.7	8.3	8.6	8.4	8.5	8.6
Sub-Total	14.9	14.5	14.4	16.3	16.3	16.2	17.1	17.1	17.3	19.1	18.3	23.0	22.0	23.7	26.4	25.5	25.1	26.6
Total Europe	76.6	77.2	80.8	85.9	88.4	91.6	93.9	99.2	100.3	105.4	106.0	113.4	116.4	119.8	122.8	119.1	121.4	125.1
USSR	40.1	43.4	38.7	27.5	39.8	51.1	55.0	60.3	67.3	77.8	87.3	87.7	93.9	99.3	100.8	82.8	101.5	106.0
Africa																		
South Africa	1.0	1.1	1.1	1.3	1.6	1.7	1.6	1.9	2.1	2.4	2.0	2.3	2.4	2.8	2.9	2.9	3.0	3.0
Other 5/	.2	.1	.2	.3	.1	.1	.5	.1	.1	.2	.3	.3	.2	.2	1.2	2.3	2.8	2.3
Asia																		
Japan	3.0	3.5	4.0	4.7	5.2	5.0	7.0	7.1	7.9	9.1	9.4	9.3	10.4	12.1	11.6	11.8	13.3	13.8
Other 6/	5.7	5.6	6.0	6.5	5.6	6.2	6.4	7.4	7.9	8.3	9.0	9.7	10.8	9.7	10.4	13.1	13.9	14.8
Oceania																		
Australia	1.8	1.5	1.7	1.7	2.3	1.7	2.3	1.8	1.7	2.2	2.2	3.5	3.6	3.2	2.3	1.7	1.8	2.3
Other 7/	.2	.2	.2	.2	.2	.3	.3	.4	.4	.3	.5	.5	.4	.3	.4	.5	.5	.4
All Other 8/	21.0	21.0	21.5	22.0	23.0	24.0	25.0	25.5	26.0	27.5	26.5	29.0	31.0	31.0	33.0	34.5	36.0	36.5
World Total	284.1	287.6	285.6	279.6	296.4	330.2	340.0	351.9	373.3	402.5	411.2	440.9	456.4	466.0	432.6	428.8	453.2	473.9

1/ Includes Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama. 2/ Includes Bolivia, Chile, Colombia, Ecuador, Peru, and Uruguay. 3/ Includes Belgium-Luxembourg, Ireland and Netherlands. 4/ Includes Austria, Finland, Greece, Malta-Gozo, Norway, Portugal, Sweden, and Switzerland. 5/ Includes Egypt, Ivory Coast, Kenya, Morocco, Nigeria, Senegal, Tunisia, and Zambia. 6/ Includes Bangladesh, Taiwan, India, Indonesia, Iran, Israel, Jordan, Republic of Korea, Lebanon, Malaysia, Pakistan, Philippines, Singapore, Syria, Thailand, and Turkey. 7/ Includes New Zealand. 8/ Includes all other countries not listed above in the indicated geographic regions.

NOTE: Footnotes 1-7 include specific countries for which feed use data are available. Footnote 8 includes allowances for such countries as People's Republic of China, Romania, Albania, Bulgaria, Czechoslovakia, East Germany, Hungary and others for which feed use data are not available.

Table 3: Estimated Total World Coarse Grain Feed-Use
July-June, 1960/61-1977/78 (Forecast)
(Million Metric Tons)

	1960/61	1961/62	1962/63	1963/64	1964/65	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77 (prelim.)	1977/78 (forecast)
North America																		
Canada	10.4	7.7	10.4	10.8	11.1	12.0	12.9	12.3	12.5	13.9	14.8	16.1	16.0	16.3	13.7	14.5	14.7	14.5
Mexico	.3	.4	.5	.5	.6	.9	1.2	1.6	2.0	2.2	2.3	2.7	2.4	3.6	3.9	4.2	4.3	4.5
United States	109.2	111.6	108.7	106.1	102.9	116.0	115.5	117.9	122.7	128.9	126.9	136.1	142.4	139.6	105.1	116.0	112.0	118.7
Other 1/	.4	.3	.4	.4	.4	.4	.6	.4	.5	.5	.5	.5	.5	.6	.5	.7	.7	.7
Sub-Total	120.3	120.0	120.0	117.8	115.0	129.3	130.2	132.2	137.7	145.5	144.5	155.4	161.3	160.1	123.2	135.4	131.7	138.4
South America																		
Argentina	4.5	4.1	1.9	2.7	3.5	3.7	4.4	3.8	3.7	5.4	4.5	5.5	5.8	6.4	5.1	4.5	5.5	5.7
Brazil	5.3	6.0	6.3	5.7	6.3	8.0	7.2	7.6	10.1	8.9	9.5	12.7	10.1	12.7	12.2	12.5	13.1	13.5
Venezuela	—	—	—	—	—	—	—	—	—	—	.3	.2	.4	.5	.5	.6	.8	.9
Other 2/	1.1	1.0	1.0	1.1	1.0	1.4	1.5	1.5	1.5	1.5	1.6	1.8	1.7	2.0	1.9	1.9	1.9	1.9
Sub-Total	10.9	11.1	9.2	9.5	10.8	13.1	13.1	12.9	15.3	15.8	15.9	20.2	18.0	21.6	19.7	19.5	21.3	22.0
Western Europe																		
European Economic Community																		
France	8.4	9.1	8.9	9.2	9.2	10.1	10.2	11.6	10.9	11.0	11.5	11.6	12.4	13.0	13.1	13.5	12.5	12.9
Weet Germany	8.2	8.5	8.9	9.0	10.0	9.7	9.9	11.4	11.5	11.8	11.9	11.9	12.0	12.9	13.1	13.5	13.7	14.2
Italy	6.0	6.2	6.9	8.7	8.3	9.0	9.3	9.8	9.6	9.9	10.3	10.5	10.7	10.8	10.0	10.5	10.7	10.8
United Kingdom	8.6	9.0	9.8	9.6	9.8	9.8	9.9	10.5	10.5	10.8	9.3	10.6	10.3	10.5	9.3	9.0	9.8	9.3
Other 3/	11.2	11.0	11.1	11.7	11.9	11.9	12.2	12.1	10.9	11.2	11.9	11.3	11.4	12.6	12.1	11.4	11.5	11.2
Sub-Total	42.4	43.8	45.6	48.2	49.2	50.5	51.5	55.4	53.4	54.7	54.9	55.9	56.8	59.8	57.6	57.9	58.2	58.4
Other Western Europe																		
Spain	3.4	3.7	4.5	5.5	4.9	6.2	6.6	6.7	7.6	7.9	7.5	9.4	9.1	10.4	11.7	11.6	11.7	12.6
Other 4/	7.3	7.4	7.3	7.7	8.5	8.9	9.1	9.7	10.3	10.1	11.0	11.2	12.5	13.3	13.7	13.7	14.5	15.2
Sub-Total	10.7	11.1	11.8	13.2	13.4	15.1	15.7	16.4	17.9	18.0	18.5	20.6	21.6	23.7	25.4	25.3	26.2	27.8
Eastern Europe																		
Poland	8.0	8.8	7.6	8.4	8.0	8.7	8.6	8.6	9.7	10.4	8.9	11.7	11.8	12.7	14.7	14.1	13.9	14.9
Yugoslavia	5.6	4.3	5.0	5.8	6.5	6.2	7.3	6.6	5.9	7.0	7.3	7.4	7.4	7.7	7.9	7.6	7.8	7.9
Sub-Total	13.6	13.1	12.6	14.2	14.5	14.9	15.9	15.2	15.6	17.4	16.2	19.1	19.2	20.4	22.6	21.7	21.7	22.8
Total Europe	66.7	68.0	70.0	75.6	77.1	80.5	83.1	87.0	86.9	90.1	89.6	95.6	97.6	103.9	105.6	104.9	106.1	109.0
USSR	30.0	29.9	30.0	23.8	30.0	30.1	38.1	38.3	39.5	43.7	47.9	50.7	51.9	69.0	66.0	54.8	76.5	71.0
Africa																		
South Africa	1.0	1.1	1.1	1.3	1.6	1.7	1.6	1.9	2.1	2.4	2.0	2.3	2.4	2.8	2.9	2.9	3.0	3.0
Other 5/	.1	—	.1	—	—	—	—	—	—	.1	.1	.1	—	.1	1.0	2.1	2.6	2.2
Asia																		
Japan	2.7	3.3	3.8	4.5	4.9	4.9	6.8	6.9	7.6	8.8	9.3	9.1	10.2	11.9	11.5	11.8	13.2	13.8
Other 6/	5.5	5.5	5.7	6.3	5.4	6.0	6.2	6.9	7.4	7.8	8.4	9.1	10.1	9.2	9.8	12.4	13.2	14.1
Oceania																		
Australia	1.2	1.0	1.3	1.3	1.3	1.0	1.7	1.0	1.2	1.5	1.6	2.7	2.4	1.7	1.3	1.2	1.3	1.4
Other 7/	.1	.1	.1	.1	.2	.2	.2	.3	.3	.2	.4	.4	.3	.3	.4	.4	.4	.4
All Other 8/	19.0	19.0	19.5	20.0	20.5	21.5	22.5	23.0	23.5	25.0	24.0	26.0	28.0	28.0	30.0	31.5	32.5	33.0
World Total	257.5	259.0	260.8	260.2	266.8	288.3	303.5	310.4	321.5	340.9	343.7	371.6	282.2	408.6	371.4	376.9	401.8	407.3

1/ Includes Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Nicaragua, Panama. 2/ Includes Bolivia, Chile, Colombia, Ecuador, Peru, and Uruguay. 3/ Includes Belgium Luxembourg, Ireland, and Netherlands. 4/ Includes Austria, Finland, Greece, Malta-Gozo, Norway, Portugal, Sweden, and Switzerland. 5/ Includes Egypt, Ivory Coast, Kenya, Morocco, Nigeria, Senegal, Tunisia, and Zambia. 6/ Includes Bangladesh, Taiwan, India, Indonesia, Iran, Israel, Jordan, Republic of Korea, Lebanon, Malaysia, Pakistan, Philippines, Singapore, Syria, Thailand, and Turkey. 7/ Includes New Zealand. 8/ Includes all other countries not listed above in the indicated geographic regions.

NOTE: Footnotes 1-7 include specific countries for which feed use data are available. Footnote 8 includes allowances for such countries as People's Republic of China, Romania, Albania, Bulgaria, Czechoslovakia, East Germany, Hungary and others for which feed use data are not available.

Table 4: Estimated Total World Wheat Feed-Use
July-June, 1960/61-1977/78 (Forecast)
(Million Metric Tons) 1/

	1960/61	1961/62	1962/63	1963/64	1964/65	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77 (prelim.)	1977/78 (forecast)
North America																		
Canada	1.7	1.2	1.2	1.5	1.3	1.4	1.6	1.5	1.7	2.3	2.2	2.2	2.1	1.9	1.7	2.0	2.0	2.1
Mexico	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1
United States	1.2	1.3	0.6	0.2	2.5	4.1	2.7	1.1	4.3	5.1	5.3	7.1	5.6	3.7	2.1	2.2	3.1	6.4
Sub-Total	2.9	2.5	1.9	1.7	3.8	5.5	4.3	2.6	6.1	7.4	7.5	9.4	7.9	5.8	3.9	4.3	5.2	8.6
South America																		
Argentina	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.0	0.0	0.1	0.1	0.2	0.8	0.6	0.2
Venezuela	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2
Other 2/	0.1	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0
Sub-Total	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.2	0.1	0.4	1.0	0.8	0.4
Western Europe																		
European Economic Community																		
France	2.7	2.0	3.2	2.7	3.7	3.6	3.7	3.4	3.3	4.1	4.2	3.9	4.6	3.8	3.7	2.6	3.7	3.8
West Germany	1.5	1.7	1.6	1.7	1.7	1.6	1.7	2.2	2.6	3.4	2.8	3.5	3.8	3.7	3.3	3.1	3.2	3.5
Italy	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.4	0.1	0.1	0.1
United Kingdom	2.3	2.2	2.4	2.3	2.4	2.9	2.1	2.4	2.6	2.7	4.0	3.1	3.6	2.6	3.5	2.8	2.9	3.2
Other 3/	0.8	0.8	0.5	0.5	0.4	0.5	0.6	0.4	1.0	2.4	1.1	1.2	2.1	1.1	1.0	0.4	0.4	0.5
Sub-Total	7.5	6.9	7.9	7.3	8.3	8.7	8.2	8.6	9.8	12.1	12.4	11.9	14.3	11.5	11.9	9.0	10.3	11.1
Other Western Europe																		
Spain	0.2	0.2	0.2	0.2	0.1	0.1	0.4	0.7	0.6	0.4	0.8	0.8	0.5	0.1	0.5	0.4	0.3	0.2
Other 4/	0.9	0.7	0.9	0.7	1.1	1.0	1.0	1.0	1.3	1.2	1.1	1.2	1.3	1.0	1.0	1.0	1.3	1.4
Sub-Total	1.1	0.9	1.1	0.9	1.2	1.1	1.4	1.7	1.9	1.6	1.9	2.0	1.8	1.1	1.5	1.4	1.6	1.6
Eastern Europe																		
Poland	1.0	1.1	1.6	1.8	1.3	1.2	1.1	1.7	1.5	1.6	1.9	3.1	2.5	2.7	3.2	3.0	2.7	3.1
Yugoslavia	0.3	0.2	0.3	0.4	0.4	0.1	0.2	0.2	0.2	0.1	0.2	0.8	0.3	0.6	0.7	0.8	0.8	0.7
Sub-Total	1.3	1.3	1.9	2.2	1.7	1.3	1.3	1.9	1.7	1.7	2.1	3.9	2.8	3.3	3.9	3.8	3.5	3.8
Total Europe	9.9	9.1	10.9	10.4	11.2	11.1	10.9	12.2	13.4	15.4	16.4	17.8	18.9	15.9	17.3	14.2	15.4	16.0
USSR	10.2	13.5	8.7	3.8	9.7	21.1	16.9	22.0	27.7	34.2	39.4	37.0	42.0	30.4	34.8	28.0	25.0	35.0
Africa 5/	0.1	0.1	0.1	0.2	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Asia																		
Japan	0.3	0.1	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1
Other 6/	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.6	0.6	0.5	0.5	0.6	0.5	0.4	0.6	0.6	0.7	0.6
Oceania																		
Australia	0.6	0.5	0.4	0.4	0.9	0.7	0.6	0.8	0.4	0.7	0.7	0.8	1.2	1.5	1.0	0.5	0.5	0.9
Other 7/	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0
All Other 8/	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	3.5	3.5
World Total	26.7	28.5	25.0	19.4	29.4	42.0	36.7	41.6	51.7	61.7	67.6	69.1	74.2	57.4	61.2	52.0	51.5	66.6

1/ Totals may not add due to rounding. 2/ Includes Bolivia, Chile, Colombia, Ecuador, Peru, and Uruguay. 3/ Includes Belgium-Luxembourg, Ireland, and Netherlands. 4/ Includes Austria, Finland, Greece, Norway, Portugal, Sweden, and Switzerland. 5/ Includes Egypt, Kenya, Morocco, Nigeria, and Tunisia. 6/ Includes Bangladesh, Taiwan, India, Indonesia, Israel, Jordan, Republic of Korea, Lebanon, Philippines, Syria, and Turkey. 7/ Includes New Zealand. 8/ Includes all other countries not listed above in the indicated geographic regions.

NOTE: Footnotes 1-7 include specific countries for which feed use data are available. Footnote 8 includes allowances for such countries as People's Republic of China, Romania, Albania, Bulgaria, Czechoslovakia, East Germany, Hungary and others for which feed use data are not available.

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DEVELOPMENTS IN THE GRAIN SECTOR OF INDIAN AGRICULTURE

Summary

India's grain (including rice) and pulse production has increased substantially since 1960, but population gains have more than offset any progress toward greater per capita grain usage. Expanded use of high yielding grain varieties, fertilizer, and irrigation has contributed to higher wheat and rice yields and continued progress is expected in the future. Two years of favorable production have increased foodgrain stocks to a burdensome level, but have at least temporarily overcome the need for foodgrain imports. Grain imports will probably continue in the future, but with sufficient working stocks and improved production, India is likely to purchase its foodgrain imports at a more even and orderly rate than has been the case in the past.

Usage

India's total grain and pulse production in 1976/77 is estimated at about 109 million tons[1], about 27 million tons over the 1960/61 level. However, in terms of per capita grain usage[2], the estimated 40 percent population gain since mid-1961 has offset the production increases achieved during the 1960/61 through 1976/77 period. Per capita grain usage since 1960/61 has fluctuated from a high of about 199 kilograms (kg) in 1964/65 to a low of about 166 kg in 1966/67.

Per capita grain usage increased following the record 1975/76 harvest, but much of the grain available for consumption went into rebuilding grain stocks to a level in excess of storage capacity of the country. Permanent storage facilities exist for only about 13-14 million tons of grain. Grain stored in excess of this quantity, some 6-7 million tons, is vulnerable to substantial spoilage before it is consumed.

Usage of wheat has increased from approximately 32 kg per capita in 1960/61 to about 46 kg per capita in 1975/76 and 1976/77, but the decline in per capita usage of rice and other grains and pulses has led to an actual decline in total per capita grain usage from the 1960/61 through 1964/65 average of nearly 191 kg to an average of slightly less than 185 kg for the 1972/73 through 1976/77 period. This is, at first glance, only a minor slippage in usage, but it is noteworthy that the substantial production increases achieved in recent years have not been adequate to maintain per capita grain usage levels.

Production Developments

Production increases for both wheat and rice have been substantial since 1960/61. Wheat area has increased from about 13 million hectares in 1960/61 to an estimated 20 million hectares in 1976/77. But the most dramatic component of greater wheat production has been increased yields. Efforts to improve and increase the use of chemical fertilizers and to introduce new high-yield varieties of wheat have been quite successful; wheat area under high-yield varieties has jumped from 4 percent in 1966/67 to more than 60 percent of the total wheat area in recent years. This expanded use of high-yield varieties in conjunction with increased irrigation and rising use of chemical fertilizers, brought the yield of the

[1] The rice production component of total production is expressed on a milled basis using a milling rate of .666.

[2] Includes feed, seed, and waste.

Note: Information in this Circular prepared by Grain and Feed Division FCA/FAS. Further information may be obtained by contacting 202-447-3403.

INDIA: ANNUAL PER CAPITA TOTAL GRAIN AND PULSES PRODUCTION AND DISAPPEARANCE[1] 1960/61 THROUGH 1976/77
(in kilograms)

Year	Per capita production	Per capita disappearance
1960/61	186	192
1961/62	183	191
1962/63	174	184
1963/64	171	187
1964/65	185	199
1965/66	147	171
1966/67	147	166
1967/68	184	189
1968/69	178	188
1969/70	185	192
1970/71	197	198
1971/72	187	192
1972/73	168	184
1973/74	179	187
1974/75	167	179
1975/76	198	189
1976/77	176	184

[1] Includes feed, seed and waste.

INDIA: ANNUAL PER CAPITA WHEAT AND RICE DISAPPEARANCE 1960/61 THROUGH 1976/77
(in kilograms)

Year	Wheat	Rice
1960/61	32	79
1961/62	31	80
1962/63	32	73
1963/64	34	80
1964/65	34	83
1965/66	37	64
1966/67	38	65
1967/68	34	72
1968/69	37	76
1969/70	40	77
1970/71	40	75
1971/72	42	77
1972/73	49	71
1973/74	52	74
1974/75	45	70
1975/76	46	75
1976/77	46	73

INDIA: MID-YEAR POPULATION ESTIMATES

Year	Thousands
1961	442,372
1962	452,212
1963	462,027
1964	472,132
1965	482,530
1966	493,209
1967	504,162
1968	515,414
1969	526,986
1970	538,881
1971	550,822
1972	562,467
1973	574,217
1074	586,056
1975	597,868
1976	609,274
1977	620,094

Source: Registrar General of India

1976/77 wheat crop to a record 1.41 tons per hectare, nearly double the .77 tons per hectare in 1960/61.

Rice production has risen due to both greater area and yield, but not as dramatically as wheat. Harvested rice area has increased about 6 percent since 1960/61 while the use of high-yield varieties has expanded from 3 percent of the total rice area in 1966/67 to about 33 percent in 1976/77.

Although considerable effort has been made to increase fertilizer usage and improve water management techniques, normal growing conditions for the bulk of the rice crop are not as conducive to fully realizing yield potentials as they are for wheat. Most rice production occurs during the monsoon season making water management difficult at best. Chemical fertilizers applied under such conditions are subject to leaching (estimated at 50 percent) because of excessive rainfall or are simply washed away when paddy fields overflow.

The yield of the 1976/77 rice crop is estimated at about 1.13 tons per hectare (milled basis) compared to about 1.01 tons per hectare in 1960/61. (The 1975/76 rice yield was a record 1.25 tons per hectare.) While this is a modest increase compared to the achievement in wheat yields, agronomists and agricultural planners are optimistic that continuing efforts in developing high-yield varieties, improving water management techniques and increasing fertilizer use will substantially raise rice yields in the future. In addition, considerable success has been achieved recently in expanding rice cultivation into nontraditional areas where water management through irrigation has enabled farmers to achieve yields far greater than the India average. In these areas, rice has become a cash crop grown during a period of the year when in the past the land had remained idle.

Production Outlook

Continued yield improvement is anticipated for wheat in upcoming years, but such improvement will likely not be as rapid as in the past. The area under wheat cultivation is not expected to increase substantially in the immediate future, but continued expansion of the area under high-yield varieties and greater fertilizer use are anticipated to improve the overall yield and thus total production of wheat.

Agronomists and agricultural planners view rice and sorghum as the two crops where substantially increased yields are most likely to occur in the future. Substantial research and progress have already taken place in the case of rice, but research to improve yields of sorghum and other grains and pulses is essentially just beginning.

The Registrar General of India has projected that the Indian population will reach more than 661 million by mid-1981. To maintain the estimated 1976/77 per capita grain consumption level of 184 kg, India must produce nearly 122 million tons

of grain and pulses in 1981; 1976/77 production is estimated at only about 109 million. If the roughly 191 kg per capita usage level of 1960/61 and 1961/62 is to be met, production of grain would need to increase to more than 126 million tons. The alternative to increased production to maintain usage levels at even the 1976 level is, of course, importing foodgrains as has been the normal situation in the past.

Stock Policy and Trade Outlook

India's foodgrain imports are determined largely by a need to meet the demands of the public distribution system and not to satisfy a given level of per capita consumption. Although the Government's system of public distribution accounts for an average of about 10 percent of foodgrain consumption, it represents approximately one-third of actual foodgrain marketings.

The Government can procure locally what it needs to satisfy public distribution only in years of very good monsoons and even then might supplement locally procured grains with imported grain. In poor production years, the Government must rely heavily on imported grain to meet the needs of the public distribution system. The unpredictability of grain import needs has prompted the Government to attempt to maintain sufficient buffer and working stocks of grain to reduce the import burden during poor production years.

Proposals have called for a buffer stock level of 10-12 million tons of grain and working stocks of an additional 3 million tons. A decision to import grain to maintain or replenish the buffer stocks would be made when the buffer stock component of total stocks fell to around 7 million tons. Currently foodgrain stocks in India are estimated at about 22 million tons of which 6-7 million tons are housed in temporary storage facilities. Utilization of the grain in temporary facilities could take some time considering that current offtake by the public distribution system is lower than usual following good harvests last fall and again this spring. In 1977/78, imports of grain are unlikely, even if the fall harvested grain crop should be substantially below normal, which at present does not appear to be likely. The pressure to reduce current grain stocks to a more manageable level less prone to losses in storage will be a major argument against importing grain in the near future.

The long-run outlook, however, points toward continued imports of substantial quantities of grain. It is unlikely that the increasing consumption demands of the rapidly expanding population will be met by greater domestic grain production alone. While the potential for raising yields is great, the actual realization of yield improvement will be largely influenced by monsoon season growing conditions, which affect the bulk of India's grain production.

INDIA: IRRIGATED GRAIN AREA
(in thousand hectares)

	Wheat	Rice	Total all grains
1960/61	4,233	12,523	22,065
1961/62	4,326	12,985	22,448
1962/63	4,593	13,361	23,390
1963/64	4,724	13,254	23,340
1964/65	4,945	13,556	23,943
1965/66	5,402	12,893	24,018
1966/67	6,125	13,375	25,790
1967/68	6,457	13,861	26,104
1968/69	7,772	13,729	28,052
1969/70	8,611	14,652	29,548
1970/71	9,840	14,934	30,558
1971/72	10,334	14,631	30,542
1972/73	10,751	14,455	30,743
1973/74	10,729	14,711	31,173
1974/75	NA	NA	NA
1975/76	NA	NA	NA

Source: Ministry of Agriculture and Irrigation, GOI

INDIA: AREA UNDER HIGH YIELDING VARIETIES OF SPECIFIED GRAINS
(in thousand hectares)

	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76 1/	1976/77 2/
Rice	888.40 (35,251.00)	1,785.00 (36,437.00)	2,681.04 (36,967.00)	4,254.56 (37,680.00)	5,453.95 (37,592.00)	7,199.43 (37,758.00)	8,167.41 (36,688.00)	9,717.50 (38,285.4)	10,779.60 (37,888.4)	12,974.50 (39,687.8)	13,500.00 (N.A.)
Wheat	540.90 (12,838.00)	2,942.00 (14,998.00)	4,792.72 (15,958.00)	5,004.93 (16,626.00)	6,542.45 (18,241.00)	7,858.14 (19,139.00)	10,177.02 (19,464.00)	10,911.50 (18,583.3)	11,215.55 (18,010.3)	13,664.87 (20,111.8)	14,000.00 (N.A.)
Sorghum	190.60 (18,054.00)	603.00 (18,423.00)	690.53 (18,731.00)	553.60 (18,605.00)	801.51 (17,374.00)	686.33 (16,777.00)	867.60 (15,513.00)	1,156.43 (16,716.3)	1,311.00 (16,189.2)	2,189.80 (16,100.7)	2,250.00 (N.A.)
Corn	207.50 (5,074.00)	287.00 (5,583.00)	387.97 (5,716.00)	421.05 (5,862.00)	469.37 (5,852.00)	490.61 (5,668.00)	605.35 (5,838.00)	780.60 (6,015.4)	658.80 (5,863.1)	924.10 (5,996.2)	1,100.00 (N.A.)
Millet	58.90 (12,239.00)	419.00 (12,808.00)	744.98 (12,052.00)	1,144.32 (12,493.00)	2,031.69 (12,913.00)	1,775.29 (11,773.00)	2,503.30 (11,817.00)	3,282.97 (13,933.4)	2,529.16 (11,285.1)	2,721.86 (11,582.9)	2,150.00 (N.A.)
Total	1,886.30 (83,456.00)	6,036.00 (88,249.00)	9,297.24 (89,424.00)	11,378.46 (91,266.00)	15,298.97 (91,972.00)	18,009.80 (91,115.00)	22,320.68 (89,320.00)	25,849.00 (93,533.8)	26,494.11 (89,236.10)	32,475.13 (93,479.4)	33,000.00 (N.A.)

1/ Officially anticipated achievement.
2/ Target

Note: Figures in parantheses indicate total area under specified grains. Wheat area data in this table refer to Indian production year, i.e., crop year designated as 1966/67 in official Indian statistics is considered 1967/68 crop year in other tables in this report.

INDIA: PRODUCTION, IMPORT, DISTRIBUTION AND CONSUMPTION OF FERTILIZERS 1952/53 TO 1966/67 (APRIL/MARCH YEAR)
(in thousand metric tons)

YEAR	NITROGENOUS (N)				PHOSPHATIC (P_2O_5)				POTASSIC (K_2O)			TOTAL ($N+P_2O_5+K_2O$)			
	Produced	Imported	Distributed	Consumed	Produced	Imported	Distributed	Consumed	Imported	Distributed	Consumed	Produced	Imported	Distributed	Consumed
1952/53	53.1	44.0	57.8	57.8	7.4	-	4.6	4.6	3.0	3.3	3.3	60.5	47.0	65.7	65.7
1953/54	52.9	19.0	89.3	89.3	13.8	-	8.3	8.3	7.0	7.5	7.5	66.7	26.0	105.0	105.0
1954/55	68.5	20.0	94.8	94.8	14.3	-	15.0	15.0	11.0	11.1	11.1	82.8	31.0	120.9	120.9
1955/56	76.9	53.0	107.5	107.5	12.4	-	13.0	13.0	10.0	10.3	10.3	89.2	63.0	130.8	130.8
1956/57	78.8	57.0	123.1	123.1	17.6	-	15.9	15.9	15.0	14.8	14.8	96.4	72.0	153.7	153.7
1957/58	81.1	110.0	149.0	149.0	25.8	-	21.9	21.9	13.0	12.8	12.8	106.9	123.0	183.7	183.7
1958/59	80.8	97.0	172.0	172.0	31.0	-	29.5	29.5	22.0	22.4	22.4	111.8	119.0	223.8	223.8
1959/60	83.7	142.0	229.3	229.3	51.4	4	53.9	53.9	33.0	21.3	21.3	135.1	179.0	304.6	304.6
1960/61	112.0	399.0	211.7	211.7	53.7	-	53.1	53.1	20.0	29.0	29.0	165.7	419.0	239.9	239.9
1961/62	154.3	307.0	291.5	249.8	65.4	-	63.9	60.5	75.0	28.0	28.0	219.7	382.0	383.5	338.3
1962/63	194.2	244.0	360.0	333.0	88.3	10.0	81.4	82.8	41.0	36.4	36.4	282.5	295.0	477.9	452.2
1963/64	219.1	228.0	407.0	376.8	107.8	13.0	116.7	116.5	40.0	50.6	50.6	326.9	281.0	574.2	543.9
1964/65	243.2	232.0	434.5	555.2	131.0	12.0	147.7	148.7	57.0	70.4	69.3	374.3	301.0	652.6	773.2
1965/66	237.9	326.0	547.4	574.8	118.8	14.0	132.2	132.5	73.0	77.7	77.3	356.7	413.0	757.3	784.6
1966/67	309.0	632.0	838.7	737.8	145.7	148.0	248.6	248.6	118.0	115.7	114.2	454.7	898.0	1,203.0	1,100.6
1967/68	402.6	867.0	1,051.8	1,034.6	207.1	349.0	422.1	446.4	270.0	265.6	204.0	609.8	1,486.0	1,739.5	1,685.0
1968/69	563.0	844.0	1,254.9	1,208.6	213.2	138.0	318.8	382.1	213.0	177.6	170.0	776.2	1,195.0	1,751.3	1,760.7
1969/70	730.6	667.0	1,040.2	1,356.0	223.7	94.0	234.9	416.0	120.0	132.5	210.0	954.3	881.0	1,407.6	1,982.0
1970/71	832.5	477.0	1,310.0	1,479.0	228.1	32.0	305.1	541.0	120.0	197.7	236.0	1,060.6	629.0	1,812.8	2,256.0
1971/72	919.2	481.0	1,652.7	1,798.0	290.3	248.0	473.6	558.2	268.0	256.3	300.0	1,239.6	997.0	2,382.6	2,656.3
1972/73	1,054.5	665.0	1,742.1	1,839.0	330.3	204.0	534.3	581.3	325.0	312.1	347.5	1,384.8	1,194.0	2,588.5	2,767.8
1973/74	1,049.9	659.0	1,613.0	1,829.0	324.5	213.0	541.1	649.7	370.0	381.0	359.8	1,374.1	1,242.0	2,535.1	2,838.6
1974/75	1,186.6	884.0	1,845.2	1,765.7	331.2	286.0	497.4	471.5	437.0	317.5	336.1	1,517.2	1,607.0	2,660.1	2,573.3
1975/76	1,508.0	951.0	1,908.7	1,992.0	319.7	326.0	373.6	443.0	264.2	227.0	266.0	1,827.7	1,541.0	2,509.3	2,701.0
1976/77 1/	1,856.8	750.1	2,343.0	NA	477.8	22.8	637.7	NA	277.8	379.1	NA	2,334.6	1,050.7	3,359.8	NA

1/ Preliminary

Note: 1. From 1952/53 to 1960/61, distribution figures are treated as consumption.
From 1961/62 onwards, consumption figures have been taken from Indian Agriculture in Brief, Ministry of Agriculture and Irrigation, New Delhi. 2. Imports have been taken from the Ministry of Agriculture and Irrigation, New Delhi.

SOURCE: Fertilizer Statistics, 1975-76 FAI

INDIA: TOTAL GRAIN AND PULSES
(RICE ON MILLED BASIS) SUPPLY-USE,
TRADE ON MIXED MARKETING YEAR BASIS

	Area	Yield	Production	Beginning stocks	Imports	Exports	Consumption
	Thou. Ha.	MT/HA	thousand tons				
1960/61	115,541	.71	82,206	7,345	3,390	74	85,130
1961/62	117,232	.71	82,954	7,737	4,040	12	86,533
1962/63	117,844	.68	80,312	8,186	4,895	20	85,237
1963/64	117,421	.69	80,661	8,136	6,719	14	88,102
1964/65	118,112	.76	89,338	7,400	8,073	11	95,950
1965/66	115,103	.63	72,347	8,850	9,978	28	84,197
1966/67	115,302	.64	74,231	13,450	9,085	6	83,910
1967/68	121,421	.78	95,051	12,850	6,115	17	97,399
1968/69	120,430	.78	94,013	16,600	3,731	51	98,893
1969/70	123,570	.81	99,501	15,400	3,447	72	103,276
1970/71	124,316	.87	108,422	14,500	2,071	42	108,951
1971/72	122,647	.86	105,169	16,000	635	763	108,191
1972/73	119,499	.81	96,506	15,150	4,079	15	105,520
1973/74	126,517	.83	104,663	10,200	5,863	35	109,392
1974/75	122,023	.82	99,826	11,300	7,341	25	106,992
1975/76	128,187	.94	120,835	11,450	6,100	38	115,047
1976/77 1/	123,800	.88	109,000	23,300	500	1,050	113,930
1977/78	--	--	--	17,820	--	--	--

1/ Preliminary

Note: Grain production totals in this table are aggregated using the same method employed in Indian statistics whereby fall harvested crops (rice, sorghum, corn and millet) are aggregated with the following spring's harvested crops (wheat, barley and pulses), i.e., total Indian 1975/76 production represents the sum of that data designated as 1975/76 in the following tables for rice, sorghum, corn and millet plus data designated as 1976/77 for wheat, barley and pulses.

INDIA: RICE AND WHEAT SUPPLY DISTRIBUTIONS
1960/61 THROUGH 1976/77

COMMODITY BY TIME PERIOD	AREA HARVEST 1000 HECT	YIELD MT/HA	BEGINNING STOCKS 1000 MET TONS	PRODUCTION 1000 MET TONS	TOTAL IMPORTS 1000 MET TONS	TOTAL EXPORTS 1000 MET TONS	DOMESTIC FOR FEED 1000 MET TONS	CONSUMPTION TOTAL 1000 MET TONS	CAL YEAR	JANUARY-DECEMBER IMP FR US 1000 MET TONS	JANUARY-DECEMBER TOT IMP 1000 MET TONS	JANUARY-DECEMBER TOT EXP 1000 MET TON
RICE (Milled Basis)												
(60)1960-61 (NOV-OCT)	34,128	1.01	---	34,639	401	67	---	34,973	61	194	384	---
(61)1961-62 (NOV-OCT)	34,694	1.03	---	35,821	403	2	---	36,222	62	189	391	---
(62)1962-63 (NOV-OCT)	35,695	.93	---	33,356	510	5	---	33,861	63	298	481	3
(63)1963-64 (NOV-OCT)	35,809	1.03	---	36,979	635	3	---	37,610	64	320	633	3
(64)1964-65 (NOV-OCT)	36,462	1.08	---	39,293	726	3	---	40,016	65	244	726	3
(65)1965-66 (NOV-OCT)	35,470	.86	---	30,589	785	3	---	31,371	66	60	785	2
(66)1966-67 (NOV-OCT)	35,251	.86	6,500	30,438	455	---	---	32,893	67	3	455	4
(67)1967-68 (NOV-OCT)	36,437	1.03	4,500	37,612	446	---	---	37,058	68	---	446	3
(68)1968-69 (NOV-OCT)	36,967	1.08	5,500	39,761	487	15	---	40,033	69	103	487	15
(69)1969-70 (NOV-OCT)	37,680	1.07	5,700	40,430	206	27	---	41,309	70	---	206	27
(70)1970-71 (NOV-OCT)	37,592	1.12	5,000	42,225	307	20	---	41,512	71	83	240	13
(71)1971-72 (NOV-OCT)	37,758	1.14	6,000	43,068	133	90	---	43,461	72	22	131	14
(72)1972-73 (NOV-OCT)	36,688	1.07	5,650	39,245	---	10	---	40,785	73	---	---	8
(73)1973-74 (NOV-OCT)	38,286	1.15	4,100	44,050	65	30	---	43,185	74	---	7	42
(74)1974-75 (NOV-OCT)	37,888	1.04	5,000	39,579	155	18	---	41,716	75	---	180	19
(75)1975-76 (NOV-OCT)	39,668	1.25	3,000	49,457	230	30	---	45,657	76	95	237	35
(76)1976-77 1/ (NOV-OCT)	38,500	1.13	7,000	43,500	100	30	---	45,200	77	---	100	30
(77)1977-78 1/ (NOV-OCT)	---	---	5,370	---	---	---	---	---	---	---	---	---

COMMODITY BY TIME PERIOD	AREA HARVEST 1000 HECT	YIELD MT/HA	BEGINNING STOCKS 1000 MET TONS	PRODUCTION 1000 MET TONS	TOTAL IMPORTS 1000 MET TONS	TOTAL EXPORTS 1000 MET TONS	DOMESTIC FOR FEED 1000 MET TONS	CONSUMPTION TOTAL 1000 MET TONS	FISCAL YEAR	JULY-JUNE IMP FR US 1000 MET TONS	JULY-JUNE TOT IMP 1000 MET TONS	JULY-JUNE TOT EXP 1000 MET TON
WHEAT												
(60)1960-61 (APR-MAR)	13,380	.77	2,400	10,320	4,398	---	20	14,218	61	3,355	3,826	---
(61)1961-62 (APR-MAR)	12,927	.85	2,900	10,995	2,798	---	20	13,893	62	2,549	2,871	---
(62)1962-63 (APR-MAR)	13,570	.89	2,800	12,076	3,546	---	20	14,822	63	3,550	3,886	---
(63)1963-64 (APR-MAR)	13,590	.79	3,600	10,779	4,275	---	20	16,054	64	4,438	4,284	---
(64)1964-65 (APR-MAR)	13,499	.73	2,600	9,854	5,977	---	25	16,531	65	5,876	6,531	---
(65)1965-66 (APR-MAR)	13,422	.91	1,900	12,258	7,157	---	30	18,115	66	7,137	7,645	---
(66)1966-67 (APR-MAR)	12,572	.83	3,200	10,394	8,030	---	35	19,324	67	4,528	6,576	---
(67)1967-68 (APR-MAR)	12,838	.89	2,300	11,393	6,393	---	25	17,786	68	5,628	6,533	---
(68)1968-69 (APR-MAR)	14,998	1.10	2,300	16,540	4,355	1	35	19,294	69	2,303	3,801	1
(69)1969-70 (APR-MAR)	15,958	1.17	3,900	18,651	3,188	14	40	21,725	70	2,539	3,039	25
(70)1970-71 (APR-MAR)	16,626	1.21	4,000	20,093	2,927	13	40	22,007	71	1,391	2,309	4
(71)1971-72 (APR-MAR)	18,241	1.31	5,000	23,832	1,749	5	50	23,576	72	932	1,609	230
(72)1972-73 (APR-MAR)	19,139	1.38	7,000	26,410	502	667	100	28,245	73	382	1,014	440
(73)1973-74 (APR-MAR)	19,463	1.27	5,000	24,735	3,243	---	100	30,178	74	1,620	3,644	---
(74)1974-75 (APR-MAR)	18,583	1.17	2,800	21,778	4,970	---	100	27,048	75	3,834	5,656	---
(75)1975-76 (APR-MAR)	18,010	1.34	2,500	24,104	6,900	---	100	27,904	76	5,060	6,660	---
(76)1976-77 1/ (APR-MAR)	20,112	1.41	5,600	28,336	5,066	---	100	28,402	77	1,991	3,562	---
(77)1977-78 1/ (APR-MAR)	---	---	10,600	---	---	---	---	---	---	---	---	---

1/ Preliminary.

NOTE: The year in parentheses in the far left column represents "world" production year beginning July 1 of the year indicated. The year shown without parentheses represents the local marketing year and refers to the 12 month period following harvest.

INDIA: GRAIN SORGHUM AND CORN SUPPLY DISTRIBUTIONS
1960/61 THROUGH 1976/77

COMMODITY BY TIME PERIOD	AREA HARVEST 1000 HECT	YIELD MT	BEGINNING STOCKS 1000 MET TONS	PRODUCTION 1000 MET TONS	TOTAL IMPORTS 1000 MET TONS	TOTAL EXPORTS 1000 MET TONS	DOMESTIC CONSUMPTION FOR FEED 1000 MET TONS	DOMESTIC CONSUMPTION TOTAL 1000 MET TONS	FISCAL YEAR	JULY-JUNE IMP FR US 1000 MET TONS	JULY-JUNE TOT IMP 1000 MET TONS	JULY-JUNE TOT EXP 1000 MET TON
GRAIN SORGHUM												
(60)1960-61 (JUL-JUN)	18,412	.53	3,000	9,814	53	---	220	9,367	61	53	53	---
(61)1961-62 (JUL-JUN)	18,249	.44	3,500	8,026	---	---	205	8,526	62	---	---	---
(62)1962-63 (JUL-JUN)	18,414	.53	3,000	9,744	---	---	210	8,744	63	---	---	---
(63)1963-64 (JUL-JUN)	18,376	.50	4,000	9,195	25	---	205	9,220	64	25	25	---
(64)1964-65 (JUL-JUN)	18,056	.54	4,000	9,681	54	---	220	9,735	65	54	54	---
(65)1965-66 (JUL-JUN)	17,679	.43	4,000	7,581	1,040	---	225	9,621	66	---	1,040	---
(66)1966-67 (JUL-JUN)	18,054	.51	3,000	9,224	2,130	---	235	9,854	67	2,170	2,130	---
(67)1967-68 (JUL-JUN)	18,423	.55	4,500	10,048	1,239	---	255	10,787	68	923	1,239	---
(68)1968-69 (JUL-JUN)	18,731	.52	5,000	9,804	55	---	255	10,859	69	55	55	---
(69)1969-70 (JUL-JUN)	18,605	.52	4,000	9,721	275	---	253	10,496	70	169	275	---
(70)1970-71 (NOV-OCT)	17,374	.47	500	8,105	1	---	195	8,106	71	7	3	---
(71)1971-72 (NOV-OCT)	16,777	.46	500	7,722	---	---	200	7,722	72	8	10	---
(72)1972-73 (NOV-OCT)	15,513	.45	500	6,968	836	---	200	7,804	73	468	460	---
(73)1973-74 (NOV-OCT)	16,716	.54	500	9,097	822	---	300	9,669	74	536	1,049	---
(74)1974-75 (NOV-OCT)	16,189	.64	750	10,414	286	---	300	10,450	75	9	446	---
(75)1975-76 (NOV-OCT)	16,101	.59	1,000	9,525	670	---	400	10,095	76	623	721	---
(76)1976-77 1/ (NOV-OCT)	15,500	.59	1,100	9,100	---	---	300	9,900	77	---	---	---
(77)1977-78 1/ (NOV-OCT)	---	---	300	---	---	---	---	---	---	---	---	---

COMMODITY BY TIME PERIOD	AREA HARVEST 1000 HECT	YIELD MT	BEGINNING STOCKS 1000 MET TONS	PRODUCTION 1000 MET TONS	TOTAL IMPORTS 1000 MET TONS	TOTAL EXPORTS 1000 MET TONS	DOMESTIC CONSUMPTION FOR FEED 1000 MET TONS	DOMESTIC CONSUMPTION TOTAL 1000 MET TONS	FISCAL YEAR	JULY-JUNE IMP FR US 1000 MET TONS	JULY-JUNE TOT IMP 1000 MET TONS	JULY-JUNE TOT EXP 1000 MET TON
CORN												
(60)1960-61 (JUL-JUN)	4,407	.93	1,045	4,109	138	---	40	4,255	61	101	138	---
(61)1961-62 (JUL-JUN)	4,507	.96	1,037	4,322	91	---	45	4,364	62	111	91	---
(62)1962-63 (JUL-JUN)	4,643	.99	1,086	4,616	110	---	45	4,676	63	90	110	---
(63)1963-64 (JUL-JUN)	4,582	1.00	1,136	4,571	82	---	45	4,589	64	82	82	---
(64)1964-65 (JUL-JUN)	4,618	1.01	1,200	4,663	136	---	45	4,749	65	136	136	---
(65)1965-66 (JUL-JUN)	4,799	1.01	1,250	4,823	123	---	50	4,946	66	57	123	---
(66)1966-67 (JUL-JUN)	5,074	.96	1,250	4,894	107	---	50	5,051	67	109	107	---
(67)1967-68 (JUL-JUN)	5,583	1.12	1,200	6,269	75	---	60	6,044	68	73	75	---
(68)1968-69 (JUL-JUN)	5,716	1.00	1,500	5,701	1	---	60	6,002	69	1	1	---
(69)1969-70 (JUL-JUN)	5,862	.97	1,200	5,674	39	---	25	5,913	70	39	39	---
(70)1970-71 (NOV-OCT)	5,852	1.28	500	7,496	14	---	84	7,500	71	13	13	---
(71)1971-72 (NOV-OCT)	5,668	.90	500	5,101	---	---	50	5,301	72	13	13	---
(72)1972-73 (NOV-OCT)	5,838	1.09	300	6,388	---	---	150	6,288	73	19	19	---
(73)1973-74 (NOV-OCT)	6,015	.96	400	5,804	6	---	130	5,860	74	7	6	---
(74)1974-75 (NOV-OCT)	5,863	.95	350	5,559	---	---	120	5,709	75	---	---	---
(75)1975-76 (NOV-OCT)	5,996	1.17	200	7,036	---	---	200	6,436	76	---	---	---
(76)1976-77 1/ (NOV-OCT)	5,900	1.02	800	6,000	---	---	150	5,950	77	---	---	---
(77)1977-78 1/ (NOV-OCT)	---	---	850	---	---	---	---	---	---	---	---	---

1/ Preliminary.

NOTE: The year in parentheses in the far left column represents "world" production year beginning July 1 of the year indicated. The year shown without parentheses represents the local marketing year and refers to the 12 month period following harvest.

INDIA: MILLET AND BARLEY SUPPLY DISTRIBUTIONS
1960/61 THROUGH 1976/77

COMMODITY BY TIME PERIOD		AREA HARVEST 1000 HECT	YIELD MT	BEGINNING STOCKS 1000 METRIC TONS	PRODUCTION 1000 METRIC TONS	TOTAL IMPORTS 1000 METRIC TONS	TOTAL EXPORTS 1000 METRIC TONS	DOMESTIC CONSUMPTION FOR FEED 1000 METRIC TONS	TOTAL CONSUMPTION 1000 METRIC TONS	FISCAL YEAR	JULY-JUNE IMP FR US 1000 METRIC TONS	JULY-JUNE TOT IMP 1000 METRIC TONS	JULY-JUNE TOT EXP 1000 METRIC TON
MILLET													
(60)1960	(JAN-DEC)	18,939	.37	---	7,087	---	---	---	7,087	61	---	---	---
(61)1961	(JAN-DEC)	18,657	.41	---	7,742	---	---	---	7,742	62	---	---	---
(62)1962	(JAN-DEC)	18,218	.43	---	7,838	---	---	---	7,838	63	---	---	---
(63)1963	(JAN-DEC)	18,195	.44	---	7,925	---	---	---	7,925	64	---	---	---
(64)1964	(JAN-DEC)	18,997	.45	---	8,507	---	---	---	8,507	65	---	---	---
(65)1965	(JAN-DEC)	19,225	.35	---	6,634	---	---	---	6,634	66	---	---	---
(66)1966	(JAN-DEC)	19,139	.40	---	7,587	---	---	---	7,587	67	---	---	---
(67)1967	(JAN-DEC)	19,956	.45	---	8,976	---	---	---	8,976	68	---	---	---
(68)1968	(JAN-DEC)	19,036	.38	---	7,254	---	---	---	7,254	69	---	---	---
(69)1969-70	(NOV-OCT)	20,009	.46	---	9,176	---	---	---	9,176	70	---	---	---
(70)1970-71	(NOV-OCT)	20,168	.60	3,000	12,172	---	---	375	13,672	71	---	---	---
(71)1971-72	(NOV-OCT)	18,676	.49	1,500	9,197	---	---	300	9,697	72	---	---	---
(72)1972-73	(NOV-OCT)	18,411	.40	1,000	7,404	---	---	250	7,704	73	---	---	---
(73)1973-74	(NOV-OCT)	20,860	.55	700	11,557	---	---	400	11,057	74	---	---	---
(74)1974-75	(NOV-OCT)	18,215	.39	1,200	7,021	---	---	200	7,721	75	---	---	---
(75)1975-76	(NOV-OCT)	18,784	.54	500	10,148	---	---	300	9,448	76	---	---	---
(76)1976-77 1/	(NOV-OCT)	18,000	.52	1,200	9,300	---	---	300	9,300	77	---	---	---
(77)1977-78 1/	(NOV-OCT)	---	---	1,200	---	---	---	---	---	---	---	---	---

COMMODITY BY TIME PERIOD		AREA HARVEST 1000 HECT	YIELD MT	BEGINNING STOCKS 1000 METRIC TONS	PRODUCTION 1000 METRIC TONS	TOTAL IMPORTS 1000 METRIC TONS	TOTAL EXPORTS 1000 METRIC TONS	DOMESTIC CONSUMPTION FOR FEED 1000 METRIC TONS	TOTAL CONSUMPTION 1000 METRIC TONS	FISCAL YEAR	JULY-JUNE IMP FR US 1000 METRIC TONS	JULY-JUNE TOT IMP 1000 METRIC TONS	JULY-JUNE TOT EXP 1000 METRIC TON
BARLEY													
(60)1960-61	(APR-MAR)	3,378	.80	400	2,706	---	---	30	2,706	61	---	---	---
(61)1961-62	(APR-MAR)	3,205	.88	400	2,808	---	---	30	2,808	62	---	---	---
(62)1962-63	(APR-MAR)	3,312	.96	400	3,177	---	---	30	3,077	63	---	---	---
(63)1963-64	(APR-MAR)	3,019	.81	500	2,441	---	---	25	2,541	64	---	---	---
(64)1964-65	(APR-MAR)	2,774	.74	400	2,056	---	---	20	2,156	65	---	---	---
(65)1965-66	(APR-MAR)	2,682	.94	300	2,522	---	---	25	2,422	66	---	---	---
(66)1966-67	(APR-MAR)	2,640	.90	400	2,382	---	---	25	2,382	67	---	---	---
(67)1967-68	(APR-MAR)	2,825	.83	400	2,348	---	---	25	2,398	68	---	---	---
(68)1968-69	(APR-MAR)	3,375	1.04	350	3,504	---	---	30	3,154	69	---	---	---
(69)1969-70	(APR-MAR)	2,758	.88	700	2,424	---	---	25	2,624	70	---	---	---
(70)1970-71	(APR-MAR)	2,765	.98	500	2,716	---	---	25	2,716	71	---	---	---
(71)1971-72	(APR-MAR)	2,555	1.09	500	2,784	---	---	25	2,784	72	---	---	---
(72)1972-73	(APR-MAR)	2,455	1.05	500	2,577	---	---	20	2,677	73	---	1	---
(73)1973-74	(APR-MAR)	2,449	.97	400	2,379	---	---	20	2,479	74	---	---	---
(74)1974-75	(APR-MAR)	2,650	.89	300	2,371	---	---	20	2,371	75	---	---	---
(75)1975-76	(APR-MAR)	2,885	1.09	300	3,135	---	---	20	3,085	76	---	---	---
(76)1976-77 1/	(APR-MAR)	2,841	1.12	350	3,196	---	20	20	3,026	77	---	---	---
(77)1977-78 1/	(APR-MAR)	---	---	500	---	---	---	---	---	---	---	---	---

1/ Preliminary.

NOTE: The year in parentheses in the far left column represents "world" production year beginning July 1 of the year indicated. The year shown without parentheses represents the local marketing year and refers to the 12 month period following harvest.

INDIA: PULSE SUPPLY DISTRIBUTION 1960/61 THROUGH 1976/77
(April/March Marketing Year)

Year	Area	Beginning stocks 1/	Production	Exports	Total consumption
	Thou.ha.	Thousand metric tons			
1960/61	24,833	--	11,861	8	11,853
1961/62	23,523	--	12,754	7	12,747
1962/63	24,243	--	11,790	10	11,780
1963/64	24,265	--	11,538	15	11,523
1964/65	24,186	--	10,082	11	10,071
1965/66	23,875	--	12,414	8	12,406
1966/67	22,718	--	9,944	25	9,919
1967/68	22,121	--	8,347	6	8,341
1968/69	22,649	--	12,102	16	12,086
1969/70	21,264	--	10,418	22	10,396
1970/71	22,023	--	11,691	32	11,659
1971/72	22,534	--	11,818	17	11,801
1972/73	22,174	--	11,094	6	11,088
1973/74	21,137	2,300	9,387	5	10,282
1974/75	23,407	1,400	10,006	5	10,202
1975/76	22,025	1,200	10,014	7	10,407
1976/77 2/	24,665	800	13,135	8	11,827
1977/78 2/	--	2,100	--	--	--

1/ Estimated Beginning 1973/74
2/ Preliminary

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FG-16-77
September 9, 1977

USDA Forecast of 1977 Soviet Grain Crop Unchanged

The forecast 1/ of the 1977 Soviet grain crop as of early September remained unchanged at 220 million metric tons. 2/ Preliminary grain area data provided by official Soviet sources indicate that winterkill was somewhat higher than earlier expected. Mainly because of this, the wheat crop forecast was reduced. On the other hand, the feed grain forecast was increased because of larger than earlier estimated areas sown to spring barley, oats and corn. It is currently estimated that the crop will include 100 million tons of wheat and 105 million of coarse grains. The previous forecast issued August 10 (FG-12-77) included 105 million tons of wheat and 100 million tons of coarse grains.

The weather in the USSR continued generally wet and cool in many parts of the European USSR through August. Rain was especially abundant in Belorussia, the East and West Ukraine, and the North Caucasus. Rain and cool weather also began in many areas of Northern Kazakhstan and West Siberia in August just as the spring wheat harvest began in those areas. Harvesting operations are continuing to be hampered in these Eastern areas. However, in total, grain harvesting in the USSR through early September has continued to exceed the pace of recent years with only about 20 percent of the crop yet remaining to be harvested. Therefore the effect on the quantity of the crop is expected to be small (Soviet grain production is stated in terms of "bunker weight" and is determined by the weight of the grain as it comes from the combine.)

The amount of excess moisture and foreign matter in the 1977 Soviet grain crop will probably again be well above average, as was the case in 1973 and 1976. The estimate of waste loss, which normally averages around 10 percent,

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1/ Prepared by USDA Inter-Agency Task Force on USSR Grain Situation. The following USDA agencies participate as members of the USSR Task Force: Foreign Agricultural Service, Economic Research Service, Agricultural Stabilization and Conservation Service, Agricultural Marketing Service and the Office of the General Sales Manager.

2/ At this stage of the harvesting season, in the judgment of Task Force analysts, the likelihood is about two out of three that the final, official grain crop figure will not differ from the current forecast by more than 10 million tons.

is currently projected at about 15 percent or 33 million tons. The 1977 waste estimate was increased because of rainy weather which occurred during harvesting in much of European USSR and is now occurring in the Eastern spring wheat lands.

The tenative forecast for total Soviet 1977/78 grain imports from all origins is 9 million metric tons.

USSR Grains: Area Yield and Production
1971-1977 (forecast)

	Winter Wheat	Spring Wheat	Total Wheat	Coarse 1/ Grain	Other 2/ Grains	Total 3/ Grains
Harvested area (mil. ha.)						
1971	20.7	43.3	64.0	46.4	7.4	117.9
1972	15.0	43.5	58.5	53.5	8.0	120.2
1973	18.3	44.8	63.1	55.2	8.2	126.7
1974	18.6	41.1	59.7	59.4	7.9	127.2
1975	19.6	42.4	62.0	58.1	7.7	127.9
1976	17.2	42.2	59.5	61.0	7.2	127.7
1977 (Forecast)	20.8	41.2	62.0	60.0	7.0	129
Yield (mt/ha.)						
1971	2.31	1.18	1.54	1.56	1.28	1.54
1972	1.96	1.30	1.47	1.36	1.19	1.40
1973	2.70	1.35	1.74	1.83	1.40	1.76
1974	2.40	0.95	1.41	1.68	1.47	1.54
1975	1.87	0.70	1.07	1.13	1.01	1.10
1976	2.59	1.24	1.63	1.88	1.65	1.75
1977 (Forecast) 4/	2.88	.97	1.61	1.75	2.14	1.7
Production (mil. mt)						
1971	47.8	51.0	98.8	72.6	9.5	181.2
1972	29.4	56.6	86.0	72.5	9.5	168.2
1973	49.4	60.3	109.8	101.0	11.5	222.5
1974	44.7	39.2	83.9	99.7	11.6	195.7
1975	36.7	29.6	66.1	65.8	7.8	140.1
1976	44.6	52.3	96.9	115.0	11.9	223.8
1977 (Forecast)	60	40	100	105	15	220

NOTE: Totals may not add because of rounding.

1/ Includes barley, oats, rye, corn and millet. 2/ Includes rice, buckwheat, pulses and other miscellaneous grains. 3/ Includes wheat, coarse grains and other grains. 4/ Calculated.

USDA USSR Task Force, September 8, 1977.

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FG-17-77
September 14, 1977

Poor Grain Crops in Iran, Iraq and Syria Would Boost Imports

With the harvests nearly completed in Iran, Iraq, and Syria, it appears certain that 1977 grain production will be significantly below that of 1976. Poor weather during most of the crop cycle has taken a more serious toll than expected.

Wheat production in these three countries is now expected to total 6.8 million tons, down 18 percent from the 8.3 million tons harvested in 1976. To cover this production shortfall and to meet the increased consumption requirements resulting from population growth and rising real incomes per capita, imports in the 1977/78 season are expected to exceed 3.5 million tons, more than double the 1.7 million tons imported in 1976/77.

Wheat production has been more severely affected than coarse grain crops. However, coarse grain production in these countries will also be down and, to satisfy the needs of the rapidly expanding poultry industry, and to a lesser extent of the sheep and dairy sectors, imports of feed grains in the 1977/78 season are expected to exceed one million tons (of which Iran alone will account for about 900,000 tons). The 600,000 ton carryover from the record 1976 barley crop in Syria will eliminate the need for any barley imports in the 1977/78 season, when the crop projected at 150,000 MT was nearly destroyed.

Governments in all three countries are encouraging greater production of corn principally through high guaranteed purchase prices. In Iran, for example, the purchase price for 1977 crop corn is set at $170 per ton -- the same as for wheat. Agricultural specialists, in and out of government, however, indicate that achievement of the stated goal of self-sufficiency in coarse grains is a very long range proposition, particularly, since land suitable for corn production is limited and the rate of increase in grain use for feed far outstrips the potential production capacity.

Most farmers on the non-irrigated grain growing areas are, by history, resigned to up and down production cycles. The governments, however, in the

three countries have launched extensive projects to harness available water resources and massive earth moving schemes are afoot to bring more land under irrigation. This will take time. However, benefits from past technical assistance programs of the extension services can be felt already. The better informed farmers are achieving higher yields through use of improved varieties of seeds, better insect and pest control, and modern cultural practices along with the incentives offered by the governments in the form of low-cost production loans and guaranteed high procurement prices. For a majority of the farmers in each of these three countries, however, adequate and timely rainfall remains the key factor influencing grain production.

Iran

The 1977 wheat production of 5.0 million tons is down 9 percent from the record 5.5 million tons in 1976. The drought induced crop loss of over 50 percent in the southern provinces, particularly Khoozestan and Fars, was offset by a record harvest in four of Iran's western wheat producing areas. Barley, the main coarse grain crop was also down, to 1.10 million tons compared to 1.15 million tons in 1976.

The guaranteed farm gate purchase price of 10,000 Rials ($141.85) per ton, unchanged for the past several years, was supplemented by an extra payment of 1,150 Rials ($16.45) in 1976 to farmers delivering "cleaner" wheat to any of the 1,500 government purchasing centers. For the 1977 wheat crop, the purchase price was increased to 12,000 Rials ($170.21) per ton. As a result of the increase, procurement has been running far ahead of past years. In 1976, for example, the government was able to procure about 800,000 tons of domestically produced wheat. This year's procurement could reach 1.2 million tons.

To keep consumer bread prices low, the Cereals Board of Iran follows a three tier selling price for wheat. The local bakeries can buy their allocated quota of bread wheat from the Cereals Organization at $106.50 per ton. Above-quota amounts can be purchased by the bakeries at $141.85 per ton -- the price paid by the cereals organization to farmers. The non-bakery buyers, however, pay full aquisition costs, as calculated by the Cereals Board. This cost in 1976 was set at $159.22 per ton. Some or all of the above selling prices may be adjusted to reflect the increased domestic procurement prices in the 1977/78 season.

The government of Iran is encouraging feed grain production to meet the steadily increasing demand for poultry and livestock products. For 1977, the Cereals Organization has announced a purchase price of 12,000 Rials ($170.20) per ton for corn and 7,500 Rials ($106.40) per ton for barley and sorghum. The Cereals Organization has set the selling price for both domestically procured and imported feed grains at 9.500 Rials ($134.75) for corn and 7,500 Rials ($106.40) per ton for barley and sorghum.

Feed consumption in recent years has been moving significantly upward. Grain use for feeds in 1977/78 is expected to rise 10 percent over last

year and 50 percent over the year before. Despite modest increases in domestic coarse grain production, Iran plans to import 900,000 tons of feed grains in the 1977/78 season, and imports could easily go beyond the million ton mark in 1978/79.

In view of the steadily growing population, the increasing per capita incomes resulting from oil and gas exports, and the limitations on grain production due to weather factors, Iran will for the foreseeable future continue as an expanding market for food and feed grains.

Iraq

Adverse weather throughout the crop cycle, particularly lack of rainfall during germination and early in the growing season, took its toll of Iraq's 1977 wheat production. Some government officials had at one time estimated that production would be as low as 700,000 tons. That would have been the worst harvest in the past 16 years and more than 45 percent less than in 1976. As a result of these estimates, the Grain Board of Iraq, in February 1977, accelerated its imports from slightly less than 100,000 tons per month to about 125,000 tons per month. Though the final estimates of this year's harvest are not yet available, most sources in and out of the Iraqi government project this year's wheat harvest at around 845,000 tons and imports of 1.4 - 1.5 million tons.

The Grain Board expects to procure 350,000 tons of the domestic wheat crop at prices ranging to a maximum of 45 Dinars ($143.00 per ton), about 2 Dinars more than the average of last year's purchase prices.

Coarse grain production in Iraq did not, fortunately, suffer from the drought. Total coarse grain production is estimated at 668,000 tons compared to 661,000 tons in 1976. To meet increased consumption requirements, however, projected imports of 140,000 tons in 1977/78 will be nearly 5 times more than in the 1976/77 season.

Official sources in Iraq expect total mixed feed demand in 1978 of 400,000 tons, but private sector sources believe that production in 1977 will be only about 200,000 tons and a 25 percent growth in demand would place next years production at a maximum of 250,000 tons. It is, however, evident that significant public and private sector investments are being made in the poultry, sheep, and dairy sectors to make Iraq, as nearly as is possible, self-sufficient in meat and dairy products. Depending on the success of these various projects, Iraq could, in the near future, become a significant market for imported feed grains.

Syria

Wheat production in Syria in 1977 is expected to be 40 percent lower than last year and the barley crop has been virtually lost due to

drought. Preliminary forecasts for the 1977 crop (with 1976 harvested quantities in parentheses) indicate wheat production of 1.0 million tons (1.5 million), barley 150,000 tons (1.06 million), corn 80,000 tons (50,000) and millet 30,000 tons (30,000).

As in the case of Iran, Syria is encouraging corn production through various incentives to producers, including an increase in the government procurement price which currently is set at Syrian pounds 800 ($205) per ton. Syria's current 5 year development plan envisions upgrading of several older feed mills and construction of two larger plants. In the meantime with the start-up of two government-owned feed mills (annual capacity 30,000 tons each), corn usage in manufactured feeds has grown from 50,000 tons in 1975/76 to 75,000 tons in 1976/77 and to 95,000 tons in the current season.

Despite the disastrous barley crop in 1977, Syria is not planning to import barley in the 1977/78 season due to the very large carryover from the record barley harvest in 1976.

Note: Information in this circular prepared by Grain and Feed Division FCA/FAS. Further information may be obtained by contacting 202-447-2042.

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IRAN		AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC FOR FEED	CONSUMPTION TOTAL	- - - - JULY-JUNE - - - - IMP FR US	TOT IMP	TOT EXP
COMMODITY BY TIME PERIOD		1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TON
WHEAT												
(73)1973-74	(APR-MAR)	4,300	.92	585	3,950	600	---	100	4,700	584	584	---
(74)1974-75	(APR-MAR)	4,270	.91	435	3,900	1,570	---	100	5,063	1,735	2,196	---
(75)1975-76	(APR-MAR)	5,200	.96	842	5,000	1,440	---	200	6,042	150	252	---
(76)1976-77	(APR-MAR)	5,000	1.10	1,240	5,500	850	---	400	6,300	1,190	1,200	---
(77)1977-78	(APR-MAR)	5,000	1.00	1,290	5,000	1,500	---	400	6,400	1,200	1,500	---
(78)1978-79	(APR-MAR)	---	-	1,390	---	---	---	---	---	---	---	---
BARLEY												
(73)1973-74	(JUL-JUN)	1,400	.64	12	900	120	---	850	1,002	40	120	---
(74)1974-75	(JUL-JUN)	1,400	.57	30	800	178	---	778	958	60	178	---
(75)1975-76	(JUL-JUN)	1,400	.79	50	1,100	204	---	1,050	1,300	160	204	---
(76)1976-77	(JUL-JUN)	1,350	.85	54	1,150	250	---	1,104	1,354	200	250	---
(77)1977-78	(JUL-JUN)	1,400	.79	100	1,100	350	---	1,150	1,400	200	350	---
(78)1978-79	(JUL-JUN)	---	-	150	---	---	---	---	---	---	---	---
COARSE GRAINS												
(73)1973-74	(JUL-JUN)	1,427	.66	12	940	200	---	850	1,122	120	200	---
(74)1974-75	(JUL-JUN)	1,416	.60	30	850	415	---	778	1,245	211	415	---
(75)1975-76	(JUL-JUN)	1,435	.79	50	1,130	351	---	1,213	1,477	370	473	---
(76)1976-77	(JUL-JUN)	1,395	.86	54	1,200	680	---	1,559	1,824	555	680	---
(77)1977-78	(JUL-JUN)	1,450	.80	110	1,165	900	---	1,725	2,000	575	900	---
(78)1978-79	(JUL-JUN)	---	-	175	---	---	---	---	---	---	---	---

Notes: 1) Year in parentheses in the far left column represent the "world" production year. Thus (75) production data include all harvests occurring within the July-June 1975/76 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Protection. 4) Coarse grain include barley, corn, grain, sorghum, and millet.

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IRAQ		AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC FOR FEED	CONSUMPTION TOTAL	- - - - JULY-JUNE - - - - IMP FR US	TOT IMP	TOT EXP
COMMODITY BY TIME PERIOD		1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TON
WHEAT												
(73)1973-74	(JUL-JUN)	1,156	.83	500	957	549	2	---	1,804	459	549	2
(74)1974-75	(JUL-JUN)	1,633	.82	200	1,339	750	---	---	1,839	350	750	---
(75)1975-76	(JUL-JUN)	1,408	.60	450	845	500	---	25	1,700	100	500	---
(76)1976-77	(JUL-JUN)	1,750	.75	95	1,312	600	---	25	1,900	250	600	---
(77)1977-78	(JUL-JUN)	1,750	.48	107	845	1,400	---	50	2,095	200	1,400	---
(78)1978-79	(JUL-JUN)	---	-	257	---	---	---	---	---	---	---	---
BARLEY												
(73)1973-74	(JUL-JUN)	464	1.00	---	462	---	---	---	462	---	---	---
(74)1974-75	(JUL-JUN)	519	1.03	---	533	---	---	---	533	---	---	---
(75)1975-76	(JUL-JUN)	567	.77	---	437	---	---	67	437	---	---	---
(76)1976-77	(JUL-JUN)	650	.92	---	600	---	---	90	600	---	---	---
(77)1977-78	(JUL-JUN)	650	.92	---	600	40	---	90	600	---	40	---
(78)1978-79	(JUL-JUN)	---	-	40	---	---	---	---	---	---	---	---
COARSE GRAINS												
(73)1973-74	(JUL-JUN)	483	1.01	---	490	---	---	---	490	---	---	---
(74)1974-75	(JUL-JUN)	533	1.04	---	553	---	---	---	553	---	---	---
(75)1975-76	(JUL-JUN)	581	.79	---	457	---	---	79	457	---	---	---
(76)1976-77	(JUL-JUN)	686	.96	---	661	30	---	150	681	---	30	---
(77)1977-78	(JUL-JUN)	686	.97	10	668	140	---	210	743	---	140	---
(78)1978-79	(JUL-JUN)	---	-	75	---	---	---	---	---	---	---	---

Notes: 1) Year in parentheses in the far left column represent the "world" production year. Thus (75) production data include all harvests occurring within the July-June 1975/76 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Protection. 4) Coarse grain include barley, corn, grain, sorghum, and millet.

UNITED STATES DEPARTMENT OF AGRICULTURE
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SYRIA		AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC FOR FEED	CONSUMPTION TOTAL	- - - - JULY-JUNE - - - - IMP FR US	TOT IMP	TOT EXP
COMMODITY BY TIME PERIOD		1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TON
WHEAT												
(73) 1973-74	(JUL-JUN)	1,100	.64	742	593	233	---	60	1,325	2	233	---
(74) 1974-75	(JUL-JUN)	1,537	1.06	243	1,630	191	2	50	1,450	82	191	2
(75) 1975-76	(JUL-JUN)	1,692	.92	612	1,550	222	---	100	1,600	75	222	---
(76) 1976-77	(JUL-JUN)	1,600	.94	784	1,500	235	10	115	1,750	25	235	10
(77) 1977-78	(JUL-JUN)	1,000	1.00	759	1,000	625	10	120	1,900	75	625	10
(78) 1978-79	(JUL-JUN)	---	-	474	---	---	---	---	---	---	---	---
BARLEY												
(73) 1973-74	(JUL-JUN)	914	.11	---	102	31	---	---	133	---	31	---
(74) 1974-75	(JUL-JUN)	697	.94	---	655	---	---	---	655	---	---	---
(75) 1975-76	(JUL-JUN)	1,011	.59	---	596	---	15	370	491	---	---	15
(76) 1976-77	(JUL-JUN)	1,000	1.06	90	1,060	---	70	---	480	---	---	70
(77) 1977-78	(JUL-JUN)	300	.50	600	150	---	---	430	550	---	---	---
(78) 1978-79	(JUL-JUN)	---	-	200	---	---	---	---	---	---	---	---
COARSE GRAINS												
(73) 1973-74	(JUL-JUN)	936	.12	---	115	31	---	---	146	---	31	---
(74) 1974-75	(JUL-JUN)	744	.94	---	702	---	---	19	702	---	---	---
(75) 1975-76	(JUL-JUN)	1,061	.62	8	653	35	15	420	576	10	35	15
(76) 1976-77	(JUL-JUN)	1,062	1.07	105	1,140	35	70	75	590	15	35	70
(77) 1977-78	(JUL-JUN)	375	.69	620	260	20	---	525	680	---	50	---
(78) 1978-79	(JUL-JUN)	---	-	220	---	---	---	---	---	---	---	---

Notes: 1) Year in parentheses in the far left column represent the "world" production year. Thus (75) production data include all harvests occurring within the July-June 1975/76 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Protection. 4) Coarse grain include barley, corn, grain, sorghum, and millet.

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FG-18-77
September 20, 1977

WORLD GRAIN SITUATION--
CROP AND TRADE OUTLOOK

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This circular prepared by the Grain & Feed Division, Foreign Commodity Analysis, Foreign Agricultural Service, USDA. Further information may be obtained by contacting the above division. Tel. (202) 447-2042

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TOTAL WHEAT AND COARSEGRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 AUG 18	1977/78 SEP 19
EXPORTS 1)						
SELECTED EXPORTERS 2)	34.3	43.0	44.4	49.7	46.5	46.4
WEST EUROPE	11.3	12.8	14.7	8.1	12.0	11.6
USSR	5.9	5.0	0.5	3.0	4.0	4.0
OTHERS	6.7	4.4	6.0	6.1	9.6	8.9
TOTAL NON-US	58.2	65.2	65.6	66.8	72.0	71.0
U.S 3)	75.6	62.4	78.0	77.3	70.2	70.2
WORLD TOTAL	133.7	127.6	143.5	144.1	142.2	141.2
IMPORTS						
WEST EUROPE	33.2	32.8	31.0	39.2	34.2	33.1
USSR	11.0	5.2	25.6	10.0	9.0	9.0
JAPAN	19.5	18.5	19.5	21.4	22.1	22.2
EAST EUROPE	9.4	11.1	11.6	14.5	11.2	12.3
OTHERS	60.7	59.9	55.8	59.0	65.8	64.5
WORLD TOTAL	133.7	127.6	143.5	144.1	142.2	141.2
(+ INTRA EC-9)	148.6	139.1	158.3	157.0	155.7	155.8
PRODUCTION 4) 5)						
SELECTED EXPORTERS 2)	109.1	95.6	105.2	122.3	109.6	108.2
WEST EUROPE	134.8	141.8	130.0	123.7	137.1 **	136.1
USSR 6)	210.7	183.5	132.0	211.9	205.0	205.0 *
EAST EUROPE	87.2	91.3	87.8	94.0	94.7	93.3
PRC	91.5	98.0	102.0	105.0	102.0	102.0
OTHERS	165.8	167.2	183.7	195.3	186.9	188.9
TOTAL NON-US	799.1	777.5	740.8	852.2	835.3	833.5
U.S.	233.0	199.3	243.0	251.5	249.1	253.8
WORLD TOTAL	1032.1	976.8	983.8	1103.7	1084.3	1087.3
CONSUMPTION 4) 7						
WEST EUROPE	154.4	156.3	152.5	155.3	157.7	157.3
USSR 6)	200.8	192.8	166.2	202.9	195.0	203.0
PRC	99.1	104.1	104.1	108.4	111.4	111.6
OTHERS	397.9	393.8	406.7	430.7	441.4	440.5
TOTAL NON-US	852.3	847.0	829.5	897.2	905.6	912.5
U.S.	176.1	140.2	153.4	150.7	161.4	161.5
WORLD TOTAL	1028.4	987.3	982.9	1048.0	1067.0	1074.0
END STOCKS 4) 8)						
TOTAL FOREIGN 9)	94.2	87.6	80.2	110.5	108.2	102.0
USSR: STKS CHG	15.0	-9.0	-9.0	16.0	15.0	7.0
US	31.0	27.1	35.4	60.8	78.0	82.6
WORLD TOTAL 9)	125.2	114.7	115.6	171.3	186.2	184.6

SEE FOOTNOTES PAGE 34

* TOTAL SOVIET GRAIN PRODUCTION IS CURRENTLY PROJECTED AT 220 MILLION METRIC TONS. THIS FIGURE INCLUDES RICE, PULSES AND OTHER MISCELLANEOUS GRAIN NOT INCLUDED IN THE ABOVE AGGREGATES.

** Corrected figure.

* BASED ON ANALYSIS OF PAST FORECASTING ERROR AND THE JUDGMENT OF REVIEWING ANALYSTS, THE LIKELIHOOD IS AT LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION ESTIMATE FOR WHEAT AND COARSE GRAINS WILL NOT DIFFER FROM THIS MONTH'S ESTIMATE BY MORE THAN ABOUT 3 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND THE USSR, THE CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THIS ESTIMATE BY MORE THAN ABOUT 1 PERCENT.

SUMMARY OF WORLD SITUATION AND OUTLOOK FOR GRAINS

With prospects of a record harvest in the U.S. and of near record harvests in Europe and the USSR, it appears certain that 1977 world grain production, including rice, now estimated at 1,436 million tons will be the second largest on record -- about 9 million tons below last year's record. As of mid-September, the total 1977 harvest of grains excluding rice is forecast at 1087 million metric tons, only 2 million tons below the 1089 million tons initially forecast. The global carryover of wheat and coarse grains stocks at the end of 1977/78 season is projected at 185 million tons, a decline from the 186 million tons forecast in mid-August, but an increase over 1976/77 of about 14 million tons, now expected to be all in coarse grains.

The most significant development in the world grain situation since the last report in this series 1/ is in wheat, where it now appears that a shift has begun to emerge in the balance of global supply and demand forces. Prospects point to a near record level of world wheat trade, and there are possibilities that the final level may yet be above the 1972/73 record. The forecast for the 1977 crop, already down considerably from last year's level at least partly as a reflection of recent heavy supplies and depressed world prices, has declined further from last month's estimate. Global wheat stocks, which earlier in the year were expected to rise further by mid-1978, are now expected to decline for the first time since 1974/75. And, lastly, measures already being taken to restrain wheat production for the subsequent 1978/79 season tend to increase the likelihood that there may be some further small cut-back in world stocks in that year as well.

The chief reason that world wheat trade might be significantly higher than the current forecast relates to the condition and milling quality of the 1977 crop in large parts of Europe and the USSR where this crop was affected by adverse harvest weather. In many areas the quality problem could mean that abnormally large portions of the crop will be used for animal feeding. For the Soviet Union, this could limit the supply of wheat for export to usual destinations in Eastern Europe, and it could also require imports of milling wheat in significantly

* *

Based on analysis of past forecasting error and the judgment of reviewing analysts, the likelihood is at least two out of three that the final global production estimate for the total of wheat and coarse grains will not differ from this month's estimate by more than about 3 percent. However, for the world excluding both the U.S. and USSR, the chances are two out of three that the final production estimate will not differ from this estimate by more than 1 percent. For rice this margin is estimated at about 2 percent for total world production.

* *

1/ The previous report in this series was Foreign Agriculture Circular, FG-13-77, World Grain Situation, 1977/78 Crop and Trade Developments, August 18, 1977.

WORLD WHEAT AND WHEAT FLOUR:
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 AUG 18	1977/78 SEP 19
EXPORTS						
CANADA	11.5	11.2	12.1	12.9	12.5	13.0
AUSTRALIA	5.4	8.2	7.9	0.6	9.4	9.4
ARGENTINA	1.1	2.2	3.2	5.6	3.2	3.2
SUB-TOTAL	18.0	21.6	23.2	27.1	25.1	25.6
WEST EUROPE	5.8	8.3	9.6	4.9	6.8	6.4
USSR	5.0	4.0	0.5	1.0	3.0	3.0
OTHERS	2.7	2.0	1.6	2.6	5.6	5.0
TOTAL NON-US	31.5	35.9	34.9	35.6	40.5	40.0
U.S. 3)	31.1	28.0	31.5	25.4	26.9	26.9
WORLD TOTAL	62.6	63.9	66.4	61.1	67.5	66.9
IMPORTS						
WEST EUROPE	6.4	6.2	6.4	4.6	6.9	6.9
USSR	4.5	2.5	10.1	4.5	4.5	4.5
JAPAN	5.4	5.4	5.9	5.5	5.6	5.6
EAST EUROPE	5.6	4.7	4.9	6.1	4.6	5.2
PRC	5.6	5.7	2.2	3.5	9.5	9.5
OTHERS	35.1	39.5	36.8	36.8	36.3	35.2
WORLD TOTAL	62.6	63.9	66.4	61.1	67.5	66.9
(+ INTRA EC-9)	69.1	60.6	72.9	67.2	74.0	74.3
PRODUCTION 6)						
CANADA	16.2	13.3	17.1	23.6	16.0	17.3
AUSTRALIA	12.0	11.4	12.0	11.8	13.0	13.0
ARGENTINA	6.6	6.0	0.6	11.0	7.0	7.0
WEST EUROPE	50.8	56.7	48.5	50.9	51.3	50.2
USSR 7)	109.8	03.8	66.2	96.9	105.0	100.0
EAST EUROPE	31.5	34.0	20.5	34.5	34.0	33.4
INDIA	24.7	21.8	24.1	28.3	26.0	26.5
OTHERS	73.8	80.5	06.5	97.0	89.7	89.0
TOTAL NON-US	325.2	307.5	291.4	354.1	342.0	336.4
U.S.	46.4	48.9	50.1	58.4	55.5	55.2
WORLD TOTAL	371.6	356.4	349.4	412.5	397.6	391.6
CONSUMPTION 8)						
U.S.	20.4	18.8	19.9	20.5	23.9	23.8
USSR 7)	95.3	93.3	83.8	88.4	96.5	97.5
PRC	40.0	42.7	42.2	46.5	49.5	49.5
OTHERS	207.7	207.9	202.8	219.9	227.3	225.2
WORLD TOTAL	363.5	362.7	348.8	375.3	397.2	395.9
ENDING STOCKS 8)						
TOTAL						
FOREIGN 9)	59.9	51.1	45.3	70.4	65.7	61.8
USSR: STKS CHG	14.0	-11.0	-8.0	12.0	10.0	4.0
U.S.	9.2	11.7	18.1	30.2	34.7	34.5
WORLD TOTAL 9)	69.1	62.0	63.4	100.6	100.3	96.3

SEE FOOTNOTES PAGE 34

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* BASED ON ANALYSIS OF PAST FORECASTING ERROR AND THE JUDGMENT OF REVIEWING ANALYSTS, THE LIKELIHOOD IS *
* AT LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION FOR WHEAT WILL NOT DIFFER FROM THIS MONTH'S *
* ESTIMATE BY MORE THAN ABOUT 3 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND USSR, THE *
* CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THIS ESTIMATE *
* BY MORE THAN ABOUT 1 PERCENT. *

* *

WORLD COARSE GRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 AUG 18	1977/78 SEP 19
EXPORTS 10)						
CANADA	2.9	2.8	5.1	4.7	4.4	4.4
AUSTRALIA	1.9	2.9	3.2	3.5	3.5	3.4
ARGENTINA	8.4	8.5	5.3	9.6	7.8	7.5
S. AFRICA	0.5	3.5	3.4	1.5	2.8	2.9
THAILAND	2.3	2.2	2.5	2.2	1.3	1.3
BRAZIL	0.4	1.5	1.7	1.0	1.5	1.3
SUB-TOTAL	16.3	21.4	21.2	22.5	21.4	20.8
WEST EUROPE	5.5	4.5	5.1	3.2	5.2	5.3
USSR	0.9	1.0	0.0	2.0	1.0	1.0
OTHERS	4.0	2.4	4.5	3.5	3.9	3.9
TOTAL NON-US	26.7	29.4	30.7	31.2	31.5	31.0
U.S. 3)	44.5	34.3	46.5	51.8	43.3	43.3
WORLD TOTAL	71.1	63.7	77.1	83.0	74.8	74.3
IMPORTS						
WEST EUROPE	26.8	26.7	24.6	34.6	27.3	26.2
USSR	6.5	2.7	15.5	5.5	4.5	4.5
JAPAN	14.1	13.1	13.5	15.9	16.4	16.6
EAST EUROPE	3.8	6.4	6.7	8.3	6.6	7.1
OTHERS	20.0	14.8	16.7	18.7	19.9	19.8
WORLD TOTAL	71.1	63.7	77.1	83.0	74.8	74.3
(+ INTRA EC-9)	79.5	70.5	85.4	89.8	81.8	81.5
PRODUCTION 5) 11						
CANADA	20.4	17.4	20.0	21.4	20.1	19.7
AUSTRALIA	4.7	4.5	5.6	5.0	6.1	6.2
ARGENTINA	17.9	13.8	12.4	17.0	15.1	15.1
S. AFRICA	11.9	9.7	7.7	10.0	9.6	9.5
THAILAND	2.5	2.7	3.3	3.0	2.1	2.2
BRAZIL	16.9	16.9	18.5	19.4	20.6	18.2
WEST EUROPE	84.1	85.1	81.5	72.9	85.7 *	85.9
USSR 6)	101.0	99.7	65.8	115.0	100.0	105.0
EAST EUROPE	55.7	57.3	59.4	59.5	60.7	59.9
OTHERS	158.8	162.9	175.1	175.0	173.2	175.3
TOTAL NON-US	473.9	469.9	449.4	498.1	493.3	497.1
U.S.	186.6	150.5	184.9	193.1		
WORLD TOTAL	660.5	620.4	634.4	691.2		
CONSUMPTION 7)						
U.S.	155.6	121.5	133.5	130.2	137.5	137.7
USSR 6)	105.5	99.4	82.4	114.5	98.5	105.5
PRC	59.1	61.4	61.9	61.9	61.9	62.1
OTHERS	344.6	342.3	356.4	366.0	371.9	372.7
WORLD TOTAL	664.9	624.6	634.2	672.7	669.8	678.1
END STOCKS 8) 11						
TOTAL						
FOREIGN 9)	34.3	36.6	34.9	40.2	42.5	40.2
(USSR: STKS CHG)	1.0	2.0	-1.0	4.0	5.0	3.0
U.S.	21.8	15.4	17.4	30.6	43.3	48.1
WORLD TOTAL 9)	56.2	52.0	52.2	70.7	85.8	88.3

SEE FOOTNOTES PAGE 34

* Corrected figure.

* BASED ON ANALYSIS OF PAST FORECASTING ERROR AND THE JUDGMENT OF REVIEWING ANALYSTS, THE LIKELIHOOD IS AT LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION ESTIMATE FOR COARSE GRAINS WILL NOT DIFFER FROM THIS MONTH'S ESTIMATE BY MORE THAN ABOUT 2 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND USSR, THE CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THIS ESTIMATE BY MORE THAN ABOUT 1 PERCENT.

larger volumes than would otherwise be expected with the current relatively large crop. Similarly, for European countries, quality problems could mean smaller exports of soft wheat, larger imports of both hard and soft types of milling wheat, and either greater feed use or larger carry-out stocks of the locally produced wheat. Import forecasts for some Western European countries already are somewhat larger than would otherwise be expected in view of the volume of wheat harvested, but such needs could become even larger as the usability of recently harvested local crops is more fully evaluated; the USSR trade forecasts thus far do not assume a serious quality problem.

Wheat and Coarse Grains

The main developments in the world wheat and coarse grain situation since the last report of this series have been (1) untimely rainfall during the small grains harvest, adversely affecting grain quality in a number of major producing areas, (2) further increases in production estimates in North America, and (3) substantial increases in import forecasts for several countries.

The areas of significant crop shortfalls due to either drought or untimely rainfall thus far this season include North Africa, the Middle East, Southeast Asia, parts of southern Europe, plus Mexico, the People's Republic of China, and Korea. Resulting increased import demand in these areas is expected to maintain world wheat and coarse grain trade at about 141 million tons, only 3 million tons less than the record 144 million ton level of 1976/77.

Projections of 1977 world wheat and coarse grain harvested area have slipped some 3 million hectares since the last report and are now indicating a decline from last year's record level. The 1977 harvested area is now projected at 588 million hectares, principally due to the drop in projected acreage in Brazil and to a lesser extent in Europe. The aggregate global wheat and coarse grain yield forecast at 1.85 tons per hectare has remained unchanged from that estimated a month ago and is slightly below the 1.87 ton per hectare level achieved in 1976.

Crop Outlook

The latest estimates of USSR grain production for 1977 indicate wheat outturn of 100 million tons, down 5 million tons from the August projections but an offsetting increase of 5 million tons in coarse grain production to 105 million tons leaves total grain production (including miscellaneous grains, rice, and pulses) unchanged at 220 million tons. These adjustments mainly reflect new information on planted area for the different grains. Another aspect of the Soviet grain situation, however, is that the waste loss component is now estimated to be at least 10 million tons larger than normal for a crop of this size. Thus, in terms of usable grain, the 1977 crop may fall somewhat short of the preseason plan figure of 213.3 million tons.

The estimate for Canada's 1977 wheat crop, now forecast at 17.3 million tons, has been revised upwards from the 16.0 million ton level estimated in mid-August. However recent reports indicate that cool, wet weather is preventing the maturing and drying of grain crops in Canada's prairie provinces. As a result of favorable weather in August, U.S. coarse grain production is expected to total a record 198 million tons, up 3 percent from the August forecast and from last year's record crop. Total U.S. grain production is estimated at 254 million tons. If realized this would constitute the biggest grain crop in the history of U.S. agriculture.

Prospects for the quantity and quality of European small grains have declined somewhat from earlier estimates, as a result of wet and cool weather during the growing season and untimely rainfall during harvests. Current estimates indicate a West European wheat crop of 50.2 million tons, down 1.1 million tons from the August estimate and a coarse grain crop of 85.9 million tons, up marginally from the earlier forecast. Forecast coarse grain production represents, however, a sharp increase from the drought-reduced crop of 72.9 million tons in 1976 and a return to the general production levels prevailing during the five years preceeding 1976.

The monsoon activity in India resumed in mid-August and has carried on through the present. During the first three months of this monsoon season, the fall harvested coarse grains in India received normal to above-normal rainfall. Although early indications point to an excellent harvest, rainfall during the last half of September is still crucial to the final outturn of this year's fall grain harvest. In the meantime, with food grain stocks at record levels, India has reportedly agreed to repay the outstanding 1.6 million ton balance of the 1973 USSR wheat loan and to loan 100,000-150,000 tons of wheat to Vietnam. It seems likely that a large part of the possible Indian exports would be made on Soviet account to Southeast Asian and other destinations.

Wheat production in Iran, Iraq, and Syria is expected to total 6.8 million tons, down 18 percent from the 8.3 million tons harvested in 1976. As result of this shortfall, and to meet the increasing demand, imports in 1977/78 are projected at 3.5 million tons, more than double the 1.7 million tons imported in 1976/77.

Rainy weather during the small grains harvest over much of Poland, East Germany, and Czechoslovakia has lowered the East European grain production prospects. The wet weather has had its greatest impact on the quality of the wheat, barley and rye crops. The rain could actually enhance corn prospects through much of Eastern Europe. Therefore, grain production for Eastern Europe as a whole is expected to be only somewhat below last year's record of nearly 94 million tons.

Among the major Southern Hemisphere grain producing countries the situation has changed little since last month. While continued dry condition has limited wheat sowings in South America, the weather in

Australia has been favorable for a record wheat crop. The major Southern Hemisphere corn and sorghum crops have not yet been planted.

The outturn of coarse grains in the People's Republic of China is expected to be no better than last year's harvest. Torrential rainfall throughout the latter part of June and most of July caused widespread flooding and waterlogging over much of North China, a key producing region. However, growing conditions thus far are improved over last year in most of the other regions in China.

In Vietnam, persistent drought conditions seriously affecting rice production have prompted increased demand for wheat imports. Vietnam has reportedly already made arrangements for as much as 500,000 tons of wheat and flour imports and the final import figure could be considerably higher.

Trade Outlook

Forecast world wheat and coarse trade at 141 million tons for the 1977/78 season remains virtually unchanged from the level projected in mid-August. West Europe's demand for coarse grains imports has been revised down nearly one million tons from the August estimate because of somewhat larger use of wheat for livestock feeds and a generally excellent forage situation. Trade among the nine member nations in the European Economic Community this year, however, is now expected to increase as a result of much greater production in France, the major surplus producer. Among the major coarse grain exporting countries, only the export projections for Brazil and Argentina have been lowered slightly, reflecting changes in the estimates of export availability.

Wheat trade is now projected at about 67 million tons, 10 percent above the preliminary 1976/77 level of 61 million tons. The major changes in import estimates since the last report include increases for Iraq, (up 800,000 tons), Morocco (up 300,000), Mexico (up 200,000), and Syria (up 195,000). The gains were partly offset by decreased imports in Brazil, (down 300,000 tons) and several other smaller importing countries.

In view of the lower wheat crop prospects for Eastern Europe, mainly in Poland, the estimate of net imports has been raised one million tons from last month's estimate, but is still down from last year's record level. On the export side the 500,000 ton increase in the Canadian wheat export estimate has been more than offset by projected decreases in the export estimates for Western Europe and other smaller exporters.

The level of coarse grain trade, is now projected at over 74 million tons, slightly below last month's estimate, but down 9 million tons from last year's record level. The decreases in the import estimate will occur largely in Western Europe, Egypt, Venezuela, and other smaller importers. Coarse grain imports are expected to be up in several countries including Mexico, Iran, Iraq, Malaysia, some East European countries, and the PRC.

World Rice Situation

Estimated world rice production in 1977/78 is revised downward 1 million tons, to 349 million tons*, reflecting a projected decrease in the upcoming Brazil rice harvest and other minor adjustments. Asian rice production in 1977/78 is forecast at about 316 million tons compared to 308 million tons produced in 1976/77. Current crop prospects still indicate a reduction in import demand in 1978 to less than 8 million tons compared to the 8.3 million ton level of 1976 and the estimated 8.5 million ton level of 1977. The major development in calendar 1977 rice trade since the last report is, once again, an increase in the export estimate for Thailand to a record 2.2 million tons. Exports through the end of August are reported to have surpassed 2 million tons. However, it is still possible that Thailand could ban exports altogether late in 1977 if the domestic situation tightens further and retail prices advance too sharply.

Monsoon performance in India has thus far averaged better than for the same period a year ago. If the monsoon continues favorably through the end of the season (end September), rice production could possibly surpass the currently projected 69 million ton level.

Pakistan's rice production has remained relatively unchanged at nearly 4 million tons since 1975/76, but increased export activity over the period has substantially reduced old crop stocks in the country. During the 1976/77 July-June marketing year, exports reached a record 897,000 tons. Basmati rice exports are reported to have accounted for about 400,000 tons of the total. Exports in the upcoming marketing year are projected to decline to about 700,000 tons reflecting lower stock levels and the current stagnation in production.

In Thailand, the main fall harvest could be delayed somewhat due to later than normal transplanting this year. Barring a significant domestic consumption decline in 1977, it is likely that old crop stock levels in Thailand will be less than 300,000 tons by December 31, 1977. Thailand's total 1977/78 crop, including the smaller second crop harvested in the spring of 1978, is now projected to reach only 15 million tons, down from the record 15.5 million tons produced in 1976/77. Exports in 1978 should be down sharply from the 1977 level due to reduced availability, but the need to maintain foreign exchange earnings in 1978 will be an offsetting pressure to maintain rice exports at a high level, given the sharply reduced export availability of corn, the other major grain exported by Thailand.

Japan's 1977/78 rice crop is currently estimated at 15.2 million tons compared to last year's poor harvest of 14.7 million tons. This year's

* All production figures are on a paddy basis; trade and stocks are expressed on a milled basis.

producer support price, including an average superior quality bonus, amounts to about $1,100/MT (brown rice basis), up substantially from the $938/MT support price for the 1976/77 crop. Domestic rice consumption has declined from a peak of 12.5 million tons in 1971/72 to a projected 10.5 million tons in 1977/78. Rice stocks at the end of the 1977/78 November-October marketing year are projected to increase an additional 600,000 tons to nearly 4 million tons, the highest level since the beginning of the 1971/72 marketing year. The prospect of this continuing stock buildup has caused concern in Japan and domestic policies concerning rice supports and consumption are once again under review. Exports of rice appear unlikely due to the size of the subsidy which would be needed to make Japan price competative on the world market.

South Korea's 1977/78 rice crop, although affected by dry conditions in July and early August, is now reported in good overall condition. Achievement of the 7.3 million ton production target, slightly above last year's outturn of 7.2 million tons, is still possible, but even if crop conditions should deteriorate before harvest, imports will probably not be necessary in 1978 due to the record rice stock level in the country.

Drought conditions in Vietnam, Loas and Cambodia which have had an effect on both last year's and current harvests are reported to be quite serious and widespread and have resulted in reported rice purchases by Vietnam and Laos and purchases of 120,000 tons of Canadian wheat and 150,000 tons of French, Turkish and Argentine flour by Vietnam. Vietnam is also reported to have recently signed an agreement with India whereby Vietnam will receive 100,000 tons of wheat on an interest free loan basis with repayment in kind to be made when it is possible for Vietnam to do so. Rice production was targeted to sharply increase in Southeast Asia after the end of conflict, but the harvests for both 1976 and 1977 have shown little improvements over previous years' levels.

Burdensome stock levels in Taiwan and a desire to export the surplus recently resulted in the sale of 200,000 tons of rice to Indonesia. Delivery is expected by the end of 1977. This sale should check the current stock buildup, but prospects of another near record harvest in 1977 could prompt further rice sales in early 1978.

The 1977/78 crop outturn in Indonesia could increase over the 1976/77 level, but the estimated 1977 import volume of about 1.5 million tons is likely again in 1978 even with a production increase. Calendar 1977 import needs appear to be about covered.

Sri Lanka's excellent 1977 spring harvested crop combined with the upcoming fall harvest will likely set a new production record of nearly 1.7 million tons in 1977/78, up sharply from the past 2 years' drought reduced crops. Imports in 1977 will total about 500,000 tons, but are likely to decline sharply to less than 300,000 tons in 1978. Imports in 1978 will be met almost entirely by traditional agreements with the PRC

WORLD RICE
PRODUCTION, TRADE AND STOCKS
(IN MILLIONS OF METRIC TONS)

	CY 1975	CY 1976	CY 1977	CY 1978 AS OF AUG 18	CY 1978 AS OF SEP 19
EXPORTS 2)					
AUSTRALIA	0.2	0.2	0.3	0.3	0.3
BURMA	0.3	0.6	0.6	0.6	0.6
ITALY	0.5	0.4	0.3	0.5	0.5
PAKISTAN	0.4	0.9	0.9	0.8	0.8
PRC	1.4	0.9	0.5	0.5	0.5
THAILAND	1.0	1.9	2.2	1.4	1.4
ALL OTHERS	1.3	1.3	1.4	1.7	1.5
TOTAL NON-US	5.1	6.3	6.3	5.8	5.7
U.S.	2.1	2.0	2.2	2.1	2.2
WORLD TOTAL	7.2	8.3	8.5	7.9	7.9
IMPORTS 2)					
BANGLADESH	0.4	0.3	0.4	0.4	0.4
EC-9	0.6	0.9	0.8	0.7	0.7
HONG KONG	0.3	0.3	0.4	0.3	0.3
INDONESIA	0.7	1.3	1.5	1.5	1.6
IRAN	0.4	0.3	0.5	0.5	0.5
KOREA REP OF	0.4	0.2	0.1	0.0	0.0
MALAYSIA, WEST	0.1	0.2	0.3	0.2	0.2
PHILIPPINES	0.1	0.1	0.0	0.0	0.0
SINGAPORE	0.1	0.2	0.2	0.2	0.2
SRI LANKA	0.4	0.4	0.5	0.3	0.3
ALL OTHERS	3.6	4.2	3.9	3.7	3.5
WORLD TOTAL	7.2	8.3	8.5	7.9	7.9
	74/75	75/76	76/77	76/77 as of Aug 18	77/78 as of Sept 19
PRODUCTION 3)					
BANGLADESH	17.1	19.2	17.7	18.0	18.0
BURMA	8.6	9.2	9.3	9.5	9.5
INDIA	59.4	74.3	65.3	69.1	69.1
INDONESIA	22.5	22.3	22.7	23.5	23.5
JAPAN	15.4	16.5	14.7	15.2	15.2
KOREA REP OF	6.2	6.5	7.2	7.3	7.3
PAKISTAN	3.5	3.9	3.9	4.0	4.0
PRC	120.0	119.0	118.0	120.0	120.0
THAILAND	14.5	15.2	15.5	15.0	15.0
SUB-TOTAL	267.0	286.0	274.5	281.6	281.6
EC-9	1.1	1.0	0.9	1.1	1.1
AUSTRALIA	0.4	0.4	0.5	0.5	0.5
ARGENTINA	0.4	0.3	0.3	0.3	0.3
BRAZIL	7.0	8.5	7.2	8.4	7.5
ALL OTHERS	49.0	51.3	51.0	53.4	53.3
TOTAL NON-US	324.9	347.7	334.4	345.4	344.4
U.S.	5.1	5.8	5.3	4.6	4.5
WORLD TOTAL	330.0	353.5	339.7	350.0	349.0
ENDING STOCKS 4)					
TOTL FOREIGN	11.7	16.8	14.3	15.2	15.1
U.S.	0.2	1.2	1.3	1.1	1.0
WORLD TOTAL	12.0	18.0	15.7	16.3	16.2

1) PRODUCTION IS ON ROUGH BASIS; TRADE AND STOCKS ARE LISTED AS MILLED.
2) TRADE DATA ON CALENDAR YEAR BASIS.
3) THE WORLD RICE HARVEST STRETCHES OVER 6-8 MONTHS. THUS, 1976/77 PRODUCTION REPRESENTS THE CROP HARVESTED IN LATE 1976 AND EARLY 1977 IN THE NORTHERN HEMISPHERE AND THE CROP HARVESTED IN EARLY 1977 IN THE SOUTHERN HEMISPHERE.
4) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERENT LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS BURMA AND THE PEOPLE S REPUBLIC OF CHINA.

The chances are 2 out of 3 that the final rice production estimate will not differ from the initial estimate by more than about 2 percent.

and Pakistan. The large 1977 import volume was purchased before the outturn of the spring harvest was determined, and has resulted in substantial storage difficulties in the country. The large buildup in stocks and the lack of additional storage has caused the Government to cease procuring domestically produced rice at the announced support level, a move which could be a disincentive to production of next year's crop.

Projected imports by Iran in 1977 of about 500,000 tons are expected to be at about the same level in 1978. Port congestion difficulties have been reduced and Iran will likely become a more regular buyer of rice in the future. U.S. rice continues to dominate the market, but Thailand and Pakistan continue to compete strongly for an increased market share in Iran.

The 1977/78 rice output for South America is now projected at 11.4 million tons, down from the August estimate of slightly over 12 million tons. Producers in Brazil are reported to be dissatisfied with the new support price announced for the upcoming crop and are expected to reduce planted area. Brazil's estimated 1977/78 production is expected to be about 1 million tons below the record 1975/76 level of 8.5 million tons, and will be less than projected consumption needs during the upcoming marketing year. Rice exports by Brazil during 1977 are estimated at a record 400,000 tons, up from the 1976 level of 76,000 tons, but reductions in both stock levels and production prospects, and increased domestic consumption are likely to reduce exports in 1978 to less than 50,000 tons. Exports for the period January through June 1977 totaled 220,000 tons with major destinations including the USSR, Hungary, Haiti, and Madagascar.

Following a poor crop of about 160,000 tons in 1976/77, Guyana's 1977/78 crop is expected to double in size to a record level of slightly over 330,000 tons. Exports in 1978 are projected at about 100,000 tons, up from the estimated 1977 level of 70,000 tons.

Colombia's estimated 1977/78 crop of 1.3 million tons is down some 250,000 tons from the level of the previous three years. The major reasons for this decline are production shifts to cotton and lower world price levels for rice. In 1975 and 1976 exports reached 166,000 tons and 150,000 tons, respectively, but Colombia will be a net importer in 1977. Purchases to date from Thailand, Pakistan, and Egypt total nearly 50,000 tons and exports are estimated at only about 15,000 tons. Exports in 1978 are projected to increase to about 50,000 tons.

Italian rice production in 1977/78 is expected to be nearly 1.1 million tons, up sharply from last year's 900,000 ton crop. Exports should increase in 1978, mostly to other EC countries rather than to non-EC destinations. A major factor for such an emphasis would be to minimize the cost of export restitutions needed to make Italian rice price competitive in world markets.

U.S. Rice Trade Performance and Outlook

U.S. rice exports during the August-July 1976/77 marketing year reached 2,105,000 tons (milled basis), up sharply from the previous year's 1,744,000 tons, but 100,000 tons below the record export level of 1974/75. The leading U.S. rice markets this past year included Iran (457,000 tons), Indonesia (409,000 tons), the European Community (220,000 tons), Nigeria (131,000 tons) and South Africa (96,000 tons).

While U.S. production is down sharply in 1977/78, record carryover stocks of about 1.3 million tons at the beginning of the current August-July marketing year will once again maintain the U.S. supply at about 3 million tons above U.S. consumption needs during 1977/78. Marketing year exports are currently estimated at about 2.1 million tons, but likely reduced competition from several major exporters, notably Pakistan, Thailand, the PRC and Brazil, could strengthen U.S. exports late in 1978.

RICE AREA AND YIELD
SELECTED COUNTRIES & WORLD TOTAL
MILLION HECTARES/MT PER HECTARE

	HARVESTED AREA				COMPARATIVE YIELD 3)			
	1974	1975	1976 1)	1977 2)	1974	1975	1976 1)	1977 2)
ARGENTINA	0.1	0.1	0.1	0.1	3.94	3.55	3.59	3.60
BANGLADESH	9.7	10.3	10.1	10.2	1.76	1.85	1.76	1.76
BRAZIL	5.2	6.0	5.4	5.2	1.33	1.42	1.33	1.44
BURMA	5.0	4.9	5.2	5.2	1.72	1.88	1.79	1.83
COLOMBIA	0.4	0.4	0.4	0.3	4.34	4.34	4.23	3.97
INDIA	37.9	39.7	38.5	39.0	1.57	1.87	1.70	1.77
INDONESIA	8.5	8.5	8.4	8.6	2.64	2.63	2.72	2.73
JAPAN	2.7	2.8	2.8	2.7	5.64	5.95	5.30	5.69
KOREA, REP OF	1.2	1.2	1.2	1.2	5.13	5.32	5.96	5.99
PAKISTAN	1.6	1.7	1.7	1.7	2.16	2.30	2.32	2.32
PHILIPPINES	3.4	3.6	3.6	3.6	1.66	1.61	1.69	1.75
PRC	34.2	34.5	35.0	34.7	3.51	3.45	3.37	3.46
THAILAND	8.2	8.5	8.5	8.6	1.76	1.79	1.82	1.74
TAIWAN	0.8	0.8	0.8	0.8	4.27	4.14	4.53	4.48
USSR	0.5	0.5	0.5	0.5	3.86	4.02	3.82	4.01
UNITED STATES	1.0	1.1	1.0	0.9	4.97	5.12	5.39	5.12
OTHERS	16.8	17.5	17.9	18.4	2.27	2.29	2.19	2.26
WORLD TOTAL	137.2	142.1	141.0	141.9	2.40	2.49	2.41	2.46

1) PRELIMINARY
2) PROJECTION
3) ROUGH RICE BASIS

WORLD TOTAL GRAIN AREA 1)
(HARVESTED)
(IN MILLIONS OF HECTARES)

	1960 - 1972		1973	1974	1975	1976 2)	1977 AS OF AUG 18	1977 3) AS OF SEPT 19
	HIGH (1968)	LOW (1961)						
SELECTED EXPORTERS 4)	53.9	41.9	51.6	48.7	50.6	54.5	54.2	53.8
USSR	114.3	115.6	118.2	119.1	120.1	120.3	122.5	122.0
PRC	74.0	71.9	76.0	77.1	78.4	78.6	78.6	78.6
WEST EUROPE	41.6	40.5	41.0	41.4	40.6	40.8	40.4	40.1
EAST EUROPE	31.0	32.1	29.6	29.4	29.6	29.6	30.0	29.7
BRAZIL	10.7	85.0	13.4	13.4	14.6	15.7	16.1	14.5
INDIA	61.9	57.5	65.5	61.5	61.8	62.4	62.8	63.4
OTHERS	109.8	23.2	108.9	111.9	114.0	115.7	115.4	115.0
TOTAL NON-US	497.2	467.7	504.2	502.5	509.7	517.6	520.0	517.2
UNITED STATES	62.1	64.2	63.6	67.9	71.0	72.2	71.3	70.8
WORLD TOTAL	559.3	531.9	567.8	570.4	580.7	589.8	591.2	588.1

TOTAL GRAIN YIELDS 1)
(BASED ON HARVESTED AREA)
(IN METRIC TONS PER HECTARE)

	1973	1974	1975	1976 2)	1977 AS OF AUG 18	1977 3) AS OF SEPT 19
SELECTED EXPORTERS 4)	1.82	1.65	1.75	1.93	1.69	1.70
USSR	1.78	1.54	1.10	1.76	1.68	1.68
PRC	1.20	1.27	1.30	1.34	1.30	1.30
WEST EUROPE	3.29	3.43	3.20	3.03	3.43	3.39
EAST EUROPE	2.95	3.10	2.97	3.18	3.16	3.14
BRAZIL	1.40	1.47	1.37	1.42	1.49	1.48
INDIA	0.82	0.77	0.87	0.90	0.85	0.88
OTHERS	1.00	1.04	1.11	1.16	1.12	1.12
TOTAL NON-US	1.59	1.55	1.45	1.65	1.61	1.61
UNITED STATES	3.66	2.94	3.42	3.48	3.49	3.58
WORLD TOTAL	1.82	1.71	1.69	1.87	1.84	1.85

1) EXCLUDES RICE.
2) PRELIMINARY.
3) PROJECTION BASED ON CONDITIONS TO DATE.
4) ARGENTINA, AUSTRALIA, CANADA, SOUTH AFRICA AND THAILAND.

WORLD WHEAT AND FLOUR TRADE
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	14.9	14.8	8.9	8.7	9.0	11.5	13.7	15.6	11.5	11.2	12.1	12.9	13.0
AUSTRALIA	5.6	6.9	7.0	5.4	7.4	9.5	8.7	5.6	5.4	8.2	7.9	8.6	9.4
ARGENTINA	7.9	3.1	1.4	2.7	2.1	1.6	1.3	3.4	1.1	2.2	3.2	5.6	3.2
SUB-TOTAL	28.4	24.9	17.3	16.8	18.4	22.7	23.7	24.6	18.0	21.6	23.2	27.1	25.6
WEST EUROPE	5.0	4.6	5.3	5.1	7.0	3.7	4.5	6.8	5.8	8.3	9.6	4.9	6.4
EAST EUROPE	0.9	1.7	2.3	2.0	1.3	0.9	0.9	0.9	2.0	1.7	1.3	1.5	2.2
USSR	2.6	4.4	5.3	5.8	6.4	7.2	5.8	1.3	5.0	4.0	0.5	1.0	3.0
OTHERS	1.2	0.7	0.6	0.6	0.8	0.3	0.6	1.9	0.7	0.3	0.3	1.1	2.8
TOTAL NON-US	38.1	36.2	30.9	30.4	33.9	34.8	35.5	35.6	31.6	35.9	34.9	35.6	40.0
UNITED STATES	23.4	20.0	20.2	14.7	16.5	19.9	16.9	31.8	31.1	28.0	31.5	25.4	26.9
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	66.4	61.1	66.9
IMPORTS													
JAPAN	3.5	4.3	4.0	4.2	4.4	4.8	5.0	5.5	5.4	5.4	5.9	5.5	5.6
WEST EUROPE	9.9	9.7	7.8	8.6	8.6	11.0	7.9	8.1	6.4	6.1	6.4	4.6	6.9
EAST EUROPE	7.2	5.4	4.9	4.3	4.7	6.7	5.2	4.6	5.6	4.7	4.9	6.1	5.2
USSR	8.5	3.1	1.5	0.2	1.1	0.5	3.5	15.6	4.5	2.5	10.1	4.5	4.5
PRC	6.3	5.0	4.2	3.5	5.1	3.7	3.0	5.3	5.6	5.7	2.2	3.5	9.5
SUB-TOTAL	35.5	27.4	22.4	20.8	24.0	26.7	24.6	39.1	27.6	24.4	29.5	24.3	31.7
AFRICA 1)	3.7	5.2	5.4	3.7	3.9	5.1	5.2	5.1	6.9	7.1	7.9	7.6	9.7
L. AMERICA 2)	3.9	4.6	5.1	4.3	3.9	3.9	4.4	6.2	6.4	5.1	6.3	6.0	7.1
WEST ASIA 3)	1.2	2.0	1.7	1.8	2.4	2.8	4.6	2.0	3.3	4.8	2.3	3.5	4.9
SOUTH ASIA 4)	9.1	9.1	9.3	5.4	5.4	4.4	4.8	5.8	7.5	10.8	10.8	5.9	3.8
OTHER ASIA 5)	1.5	1.4	1.9	2.3	2.8	3.0	3.1	3.0	2.9	2.7	2.5	3.2	3.4
OTHERS	6.4	6.4	5.3	6.6	8.0	8.9	5.7	6.0	8.2	8.9	7.0	10.7	6.4
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	66.4	61.1	66.9

1) ALGERIA, EGYPT, LIBYA, MOROCCO, NIGERIA, SUDAN AND TUNISIA.
2) MEXICO, BRAZIL, CHILE, COLOMBIA, PERU AND VENEZUELA.
3) IRAN, IRAQ, ISRAEL, JORDAN, LEBANON, SAUDI ARABIA, SYRIA AND TURKEY.
4) BANGLADESH, INDIA, INDONESIA, PAKISTAN AND SRI LANKA.
5) REP. OF KOREA, PHILIPPINES AND TAIWAN.

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
DATA EXCLUDE INTRA EC-9 TRADE; U.S. DATA ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WHEAT AND WHEAT FLOUR
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
ALGERIA	401	934	664	700	275	646	885	646	1,585	1,500	1,500	750	1,200
EGYPT	2,344	2,498	2,782	1,940	2,220	2,527	2,670	3,040	3,180	3,490	3,800	4,100	4,400
LIBYA	149	157	184	215	208	234	274	240	288	300	310	450	350
MOROCCO	359	1,012	960	264	255	645	653	461	1,040	1,105	1,235	1,022	1,900
NIGERIA	140	170	130	144	244	385	350	397	326	342	519	710	800
SUDAN	148	209	215	196	119	244	143	93	182	120	203	200	250
TUNISIA	199	256	433	263	539	381	229	237	290	285	301	325	775
SUB-TOTAL	3,740	5,236	5,368	3,722	3,860	5,062	5,204	5,114	6,891	7,142	7,868	7,557	9,675
WEST HEMISPHERE													
MEXICO	7	1	1	1	49	5	409	650	790	832	1	0	900
BRAZIL	2,321	2,637	3,029	2,384	2,070	1,795	1,603	2,942	2,682	1,728	3,705	3,300	3,200
CHILE	311	641	462	350	196	465	540	910	1,126	768	788	735	900
COLOMBIA	236	199	273	256	217	350	446	278	472	339	339	379	400
PERU	501	550	624	564	635	658	663	825	744	858	825	850	950
VENEZUELA	556	591	698	771	753	594	773	635	599	540	671	740	780
SUB-TOTAL	3,932	4,619	5,087	4,326	3,920	3,867	4,434	6,240	6,413	5,065	6,329	6,004	7,130
ASIA													
IRAN	143	220	51	1	1	103	1,116	736	600	1,650	252	1,200	1,500
IRAQ	6	126	315	70	87	156	889	13	549	750	500	700	1,400
ISRAEL	233	269	282	425	470	475	438	282	363	350	492	462	410
JORDAN	126	172	114	148	125	127	123	181	193	170	200	250	275
LEBANON	260	336	399	289	297	436	448	265	404	298	295	255	300
SAUDI ARABIA	200	240	182	140	290	320	350	310	317	350	350	350	350
SYRIA	70	345	283	193	251	612	698	215	233	191	222	235	625
TURKEY	132	258	45	551	881	568	555	27	607	1,018	20	0	0
SUB-TOTAL	1,170	1,966	1,671	1,817	2,402	2,797	4,617	2,029	3,266	4,777	2,331	3,452	4,860
BANGLADESH	0	0	0	0	0	0	1,071	2,176	1,608	2,057	1,650	480	800
INDIA	7,645	6,576	6,533	3,801	3,039	2,309	1,609	1,014	3,644	5,656	6,660	3,562	500
INDONESIA	20	40	170	335	685	455	487	686	576	846	834	988	1,167
PAKISTAN	1,236	1,759	2,131	756	1,085	1,075	1,027	1,359	999	1,574	1,025	373	600
SRI LANKA	238	742	513	558	563	576	610	561	668	700	638	526	700
SUB-TOTAL	9,139	9,117	9,347	5,450	5,372	4,415	4,804	5,796	7,495	10,833	10,807	5,929	3,767
REP. OF KOREA	600	654	859	1,117	1,670	1,750	1,848	1,779	1,627	1,577	1,445	1,800	1,950
PHILIPPINES	502	494	653	588	560	568	689	613	524	503	550	775	800
TAIWAN	384	264	406	575	580	687	541	657	705	626	527	600	620
SUB-TOTAL	1,486	1,412	1,918	2,280	2,810	3,005	3,078	3,049	2,856	2,706	2,522	3,175	3,370
TOTAL	19,467	22,350	23,391	17,595	18,364	19,146	22,137	22,228	26,921	30,523	29,857	26,117	28,802

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
YEARS BEGINNING JULY 1

WORLD COARSEGRAIN TRADE 1)
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	1.2	1.3	1.2	0.6	1.4	4.2	4.6	4.2	2.9	2.8	5.1	4.7	4.4
AUSTRALIA	0.5	0.9	0.4	0.9	0.9	2.2	3.2	1.6	1.9	2.9	3.2	3.5	3.4
ARGENTINA	3.8	6.5	4.0	5.6	6.0	7.6	6.2	4.2	8.4	8.5	5.3	9.6	7.5
S. AFRICA	0.6	0.9	3.3	2.4	1.1	1.1	3.1	3.3	0.5	3.5	3.4	1.5	2.9
THAILAND	1.2	1.3	1.3	1.3	1.6	1.8	2.3	1.1	2.3	2.2	2.5	2.2	1.3
BRAZIL	0.6	0.6	0.7	1.2	0.6	2.0	0.6	0.5	0.4	1.5	1.7	1.0	1.3
SUB-TOTAL	7.9	11.5	10.9	12.0	11.6	18.9	19.9	15.0	16.3	21.4	21.2	22.5	20.8
WEST EUROPE	2.2	2.6	2.7	3.2	4.1	4.1	5.2	5.1	5.5	4.5	5.1	3.2	5.3
EAST EUROPE	1.2	1.7	2.0	1.5	1.4	1.5	0.6	1.4	2.5	1.2	2.9	1.4	2.1
USSR	2.2	0.8	1.0	1.1	1.1	1.1	0.9	0.4	0.9	1.0	0.0	2.0	1.0
OTHERS	2.9	2.2	2.3	2.8	1.8	1.3	1.3	1.8	1.5	1.2	1.6	2.0	1.8
TOTAL NON-US	16.4	18.9	18.9	20.6	19.9	26.9	28.0	23.8	26.7	29.4	30.7	31.2	31.0
UNITED STATES	25.4	20.9	19.7	16.0	19.2	19.4	20.8	35.6	44.5	34.3	46.5	51.8	43.3
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	77.1	83.0	74.3
IMPORTS													
JAPAN	5.2	7.2	7.7	8.5	10.0	10.5	10.3	12.0	14.1	13.1	13.5	15.9	16.6
WEST EUROPE	25.3	24.0	22.9	19.6	19.5	24.1	20.4	22.0	26.8	26.7	24.6	34.6	26.2
EAST EUROPE	3.9	2.0	2.5	2.7	2.9	3.6	4.9	5.1	3.8	6.4	6.7	8.3	7.1
USSR	0.0	0.2	0.4	0.5	0.1	0.3	4.3	6.9	6.5	2.7	15.5	5.5	4.5
PRC	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.8	2.1	0.5	0.0	0.0	0.2
SUB-TOTAL	34.5	33.4	33.6	31.3	32.6	38.4	40.4	46.9	53.2	49.5	60.4	64.3	54.7
AFRICA 2)	0.4	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.0	1.1	1.1
L. AMERICA 3)	0.2	0.2	0.2	0.5	0.8	1.3	0.7	1.8	2.8	3.6	2.7	3.4	3.3
ASIA 4)	2.1	3.3	2.9	1.8	2.4	2.6	4.1	4.8	5.0	4.9	5.9	6.2	7.3
OTHERS	4.7	2.7	1.6	2.8	3.1	3.6	3.3	5.4	9.2	4.7	7.2	7.9	7.8
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	77.1	83.0	74.3

1) CORN, SORGHUM, BARLEY, OATS AND RYE.
2) EGYPT, LIBYA, TANZANIA AND ZAIRE.
3) CHILE, MEXICO AND VENEZUELA.
4) HONGKONG, INDIA, IRAN, IRAQ, ISRAEL, REP. OF KOREA, PHILIPPINES, LEBANON, MALAYSIA AND TAIWAN.

NOTE: DATA EXCLUDE PRODUCTS; INTRA EC-9 TRADE EXCLUDED; ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WORLD COARSEGRAIN TRADE 1)
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
EGYPT	256	114	269	15	64	76	48	130	450	460	500	700	650
LIBYA	17	19	53	48	74	151	121	143	74	125	125	125	125
TANZANIA	15	7	4	0	47	0	43	114	161	291	200	56	100
ZAIRE	72	81	38	95	60	85	95	85	150	180	200	232	260
SUB-TOTAL	360	221	364	158	245	312	307	472	835	1,056	1,025	1,113	1,135
WEST HEMISPHERE													
MEXICO	146	77	114	52	439	571	118	873	1,909	2,806	1,992	2,308	2,396
CHILE	40	68	134	212	250	352	275	318	146	132	63	45	30
VENEZUELA	34	25	1	232	117	392	278	629	743	670	639	1,030	900
SUB-TOTAL	220	170	249	496	806	1,315	671	1,820	2,798	3,608	2,694	3,383	3,326
ASIA													
HONG KONG	96	86	117	141	176	158	163	137	150	160	160	160	150
IRAN	5	1	33	71	24	23	276	105	200	415	473	680	900
IRAQ	0	0	0	0	1	1	250	0	0	0	0	30	140
ISRAEL	444	636	647	582	792	735	828	923	968	1,125	1,123	1,175	1,115
LEBANON	141	96	154	110	138	136	213	165	143	170	145	145	175
INDIA	1,163	2,237	1,314	56	314	16	23	480	1,055	446	721	0	0
REP. OF KOREA	112	30	225	298	251	414	624	884	699	998	724	1,400	2,100
MALAYSIA	52	63	68	102	124	169	197	256	229	237	345	377	409
PHILIPPINES	22	37	14	22	11	30	166	116	90	159	54	141	150
TAIWAN	63	83	284	442	580	878	1,353	1,691	1,510	1,195	2,122	2,135	2,200
SUB-TOTAL	2,098	3,269	2,856	1,824	2,411	2,560	4,093	4,757	5,044	4,905	5,867	6,243	7,339
TOTAL	2,678	3,660	3,469	2,478	3,462	4,187	5,071	7,049	8,677	9,569	9,586	10,739	11,800

1) CORN, SORGHUM, BARLEY, OATS AND RYE.

NOTE: DATA EXCLUDE PRODUCTS; TRADE YEARS BEGINNING JULY 1

WHEAT: SUPPLY AND DISAPPEARANCE
CANADA, AUSTRALIA AND ARGENTINA
(THOUSANDS OF HECTARES/METRIC TONS)

	AREA	YIELD	PRODUCTION	DOMESTIC USE	EXPORTS 1) JULY-JUNE	EXPORTS 1) MRKT YEAR	END STOCKS 2) MRKT YEAR
			CANADA (MARKETING YEAR AUG/JULY)				
AVERAGE							
1955/56-1959/60	9,187	1.38	12,672	4,329	7,660	7,995	17,141
1960/61-1964/65	10,841	1.35	14,651	4,064	11,034	11,062	13,385
1967/68.....	12,190	1.32	16,137	4,250	8,921	9,145	18,303
1968/69 3).....	11,908	1.49	17,689	4,486	8,710	8,323	23,183
1969/70 3).....	10,102	1.81	18,267	4,568	8,991	9,430	27,452
1970/71 3)	5,052	1.79	9,024	4,650	11,544	11,846	19,980
1971/72.....	7,854	1.83	14,412	4,795	13,723	13,710	15,887
1972/73.....	8,640	1.68	14,514	4,764	15,627	15,692	9,945
1973/74.....	9,575	1.69	16,159	4,601	11,487	11,414	10,089
1974/75.....	8,935	1.49	13,295	4,607	11,186	10,739	8,038
1975/76.....	9,479	1.80	17,078	4,886	12,139	12,251	7,979
1976/77 4).....	11,252	2.10	23,587	4,806	12,900	13,450	13,310
1977/78 5).....	10,111	1.71	17,300	4,800	13,000	13,000	12,810
			AUSTRALIA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,006	1.14	4,572	1,960	2,616	2,803	1,470
1960/61-1964/65	6,396	1.30	8,298	2,124	6,045	6,372	599
1967/68.....	9,082	0.83	7,547	2,672	7,044	5,654	1,737
1968/69.....	10,846	1.36	14,804	2,584	5,380	6,371	7,586
1969/70.....	9,486	1.11	10,546	2,540	7,374	8,047	7,545
1970/71.....	6,479	1.22	7,890	2,625	9,516	9,145	3,665
1971/72.....	7,138	1.21	8,606	2,899	8,670	7,788	1,584
1972/73.....	7,604	0.87	6,590	3,300	5,614	4,309	565
1973/74.....	8,948	1.34	11,987	3,781	5,432	6,789	1,982
1974/75.....	8,308	1.37	11,357	3,025	8,241	8,526	1,788
1975/76.....	8,555	1.40	11,982	2,478	7,871	8,515	2,777
1976/77 4).....	8,920	1.33	11,841	2,525	8,600	9,500	2,593
1977/78 5).....	9,900	1.31	13,000	2,860	9,400	9,500	3,233
			ARGENTINA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,695	1.31	6,151	3,865	2,573	2,477	1,360
1960/61-1964/65	4,720	1.52	7,165	3,647	2,642	3,071	1,415
1967/68 6).....	5,812	1.26	7,320	4,393	1,379	2,199	1,008
1968/69 7).....	5,837	0.98	5,740	3,794	2,742	2,494	850
1969/70.....	5,191	1.35	7,020	4,768	2,082	2,322	780
1970/71.....	3,701	1.33	4,920	4,056	1,625	969	675
1971/72.....	4,315	1.32	5,680	4,356	1,339	1,629	370
1972/73 8).....	4,965	1.39	6,900	4,261	3,352	3,193	269
1973/74.....	3,958	1.66	6,560	4,221	1,106	1,582	1,026
1974/75.....	4,233	1.41	5,970	4,470	2,165	1,784	742
1975/76.....	5,270	1.63	8,570	5,382	3,188	3,160	742
1976/77 4).....	6,385	1.72	11,000	4,742	5,650	6,000	1,000
1977/78 5).....	4,600	1.52	7,000	4,500	3,200	3,000	500
			TOTAL ABOVE THREE COUNTRIES				
AVERAGE							
1955/56-1959/60	17,888	1.31	23,395	10,154	13,051	13,275	19,971
1960/61-1964/65	21,957	1.37	30,114	9,835	19,721	20,505	15,399
1967/68.....	27,084	1.14	31,004	11,315	17,344	16,998	21,048
1968/69.....	28,591	1.34	38,233	10,864	16,832	17,188	31,619
1969/70.....	24,779	1.45	35,833	11,876	18,447	19,799	35,777
1970/71.....	15,232	1.43	21,834	11,331	23,791	21,960	24,320
1971/72.....	19,307	1.49	28,698	12,050	25,834	23,129	17,841
1972/73.....	21,209	1.32	28,004	12,325	24,593	23,194	10,779
1973/74.....	22,481	1.54	34,706	12,603	18,025	19,785	13,097
1974/75.....	21,476	1.43	30,622	12,102	21,592	21,049	10,568
1975/76.....	23,304	1.61	37,630	12,746	23,198	23,926	11,498
1976/77 4).....	26,557	1.75	46,428	12,073	27,150	28,950	16,903
1977/78 5).....	24,611	1.52	37,300	12,160	25,600	25,500	16,543

1) INCLUDES THE WHEAT EQUIVALENT OF FLOUR.
2) NET CHANGES IN FARM STOCKS FOR AUSTRALIA AND ARGENTINA ARE REFLECTED IN DOMESTIC DISAPPEARANCE.
3) IMPORTS OF 1 NEEDED TO BALANCE S&D.
4) PRELIMINARY.
5) PROJECTION.
6) IMPORTS OF 35 NEEDED TO BALANCE S&D.
7) IMPORTS OF 390 NEEDED TO BALANCE S&D.
8) IMPORTS OF 453 NEEDED TO BALANCE S&D.

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC CONSUMPTION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
				CORN (APRIL-MARCH)				
ARGENTINA								
(66)1967/68...	3,450	2.32	8,000	3,828	3,186	2,503	4,153	33
(67)1968/69 1)	3,378	1.94	6,560	3,134	3,968	4,381	3,448	12
(68)1969/70...	3,556	1.93	6,860	3,124	4,346	4,673	3,740	8
(69)1970/71...	4,017	2.33	9,360	3,840	5,333	5,682	5,510	18
(70)1971/72 1)	4,066	2.44	9,930	2,817	4,801	3,792	6,436	696
(71)1972/73 1)	3,147	1.86	5,860	3,981	2,832	3,913	2,040	536
(72)1973/74...	3,565	2.52	9,000	3,892	5,105	5,195	5,066	578
(73)1974/75...	3,486	2.84	9,900	4,615	5,831	4,827	5,399	464
(74)1975/76...	3,070	2.51	7,700	3,897	2,593	2,674	3,517	750
(75)1976/77...	2,766	2.12	5,855	3,262	4,384	4,750	3,238	105
(76)1977/78 2)	2,607	3.18	8,300	3,900	3,600	3,300	4,400	105
(77)1978/79 3)	2,700	2.59	7,000	4,000			3,000	105
				CORN (MAY-APRIL)				
SOUTH AFRICA								
(66)1967/68...	4,589	2.13	9,762	4,471	3,107	3,447	2,899	3,074
(67)1968/69...	4,728	1.12	5,316	4,885	2,168	1,415	2,671	834
(68)1969/70 4)	4,387	1.22	5,340	5,008	1,096	1,511	796	873
(69)1970/71 5)	4,217	1.45	6,132	5,159	915	1,133	1,104	751
(70)1971/72 6)	4,402	1.95	8,600	5,173	2,829	2,912	2,555	1,625
(71)1972/73...	4,578	2.07	9,483	5,540	3,181	2,240	3,562	2,006
(72)1973/74...	3,611	1.15	4,160	5,544	371	1,230	157	465
(73)1974/75...	4,463	2.49	11,105	6,325	3,324	3,290	3,227	2,018
(74)1975/76...	4,488	2.04	9,140	6,388	3,181	2,797	3,206	1,564
(75)1976/77...	4,549	1.61	7,312	6,485	1,500	1,800	1,466	925
(76)1977/78 2)	4,453	2.13	9,480	6,605	2,800	2,800	2,900	900
(77)1978/79 3)	4,500	2.00	9,000	6,500			2,600	800
				CORN (JULY-JUNE)				
THAILAND								
(67)1967/68...	598	2.20	1,315	55	1,214	1,291	1,214	54
(68)1968/69...	606	2.49	1,507	104	1,289	1,298	1,289	168
(69)1969/70...	690	2.46	1,700	176	1,502	1,680	1,502	190
(70)1970/71...	749	2.59	1,938	220	1,663	1,470	1,663	245
(71)1971/72...	824	2.79	2,300	280	2,111	2,045	2,111	154
(72)1972/73...	997	1.32	1,320	300	1,039	1,505	1,039	135
(73)1973/74...	1,044	2.25	2,350	341	2,131	2,138	2,131	13
(74)1974/75...	1,082	2.26	2,450	450	1,979	1,947	1,979	34
(75)1975/76...	1,336	2.25	3,000	600	2,346	2,373	2,346	88
(76)1976/77 2)	1,400	1.93	2,700	699	2,040	2,000	2,040	49
(77)1977/78 3)	1,463	1.37	2,000	900	1,100	1,100	1,100	49
				GRAIN SORGHUM (APRIL-MARCH)				
ARGENTINA								
(66)1967/68 6)	764	1.81	1,380	980	409	413	404	11
(67)1968/69 7)	1,083	1.75	1,897	1,088	1,228	1,354	809	14
(68)1969/70 1)	1,302	1.91	2,484	1,136	1,461	1,624	1,354	9
(69)1970/71 1)	1,872	2.04	3,820	2,212	1,960	2,152	1,603	15
(70)1971/72 1)	2,235	2.09	4,660	2,249	1,141	719	2,215	212
(71)1972/73 1)	1,419	1.66	2,360	1,810	1,060	1,766	474	289
(72)1973/74...	2,131	2.16	4,600	2,243	2,776	3,191	2,420	226
(73)1974/75...	2,324	2.54	5,900	2,772	2,494	2,382	2,838	515
(74)1975/76...	1,938	2.49	4,830	2,375	2,612	3,026	2,370	600
(75)1976/77...	1,834	2.76	5,060	2,061	4,639	4,600	3,539	60
(76)1977/78 2)	2,428	2.72	6,600	2,300	3,400	3,300	4,300	60
(77)1978/79 3)	2,400	2.50	6,000	2,600			3,200	260

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC CONSUMPTION	-EXPORTS- JULY-JUNE	OCT-SEPT	MRKT YR	ENDING STOCKS MRKT YR
			GRAIN SORGHUM (APRIL-MARCH)					
AUSTRALIA								
(66)1967/68...	203	1.57	319	297	19	67	22	
(67)1968/69...	187	1.54	288	208	82	34	80	
(68)1969/70...	210	1.40	294	243	73	263	17	34
(69)1970/71...	359	1.52	547	268	517	862	278	35
(70)1971/72...	552	2.35	1,298	222	990	654	1,087	24
(71)1972/73...	638	1.92	1,220	500	712	703	692	60
(72)1973/74...	697	1.46	1,010	299	797	898	633	146
(73)1974/75...	540	1.96	1,061	115	856	901	984	108
(74)1975/76...	511	1.76	901	89	815	915	897	23
(75)1976/77...	504	2.23	1,124	82	900	800	972	93
(76)1977/78 2)	524	1.84	965	126	900	900	810	122
(77)1978/79 3)	475	2.00	950	116			050	106
			BARLEY (DECEMBER-NOVEMBER)					
AUSTRALIA								
(67)1967/68 8)	1,057	0.79	834	776	129	121	1,247	327
(68)1968/69 9)	1,341	1.23	1,646	1,007	451	508	549	450
(69)1969/70 10	1,521	1.12	1,699	976	641	703	684	501
(70)1970/71...	2,000	1.18	2,351	1,132	1,123	1,236	1,231	489
(71)1971/72...	2,535	1.21	3,065	1,422	1,044	1,732	1,770	362
(72)1972/73...	2,140	0.81	1,727	1,183	804	730	676	230
(73)1973/74...	1,894	1.27	2,398	1,249	809	1,056	1,168	211
(74)1974/75...	1,826	1.38	2,515	884	1,749	1,699	1,656	186
(75)1975/76...	2,329	1.36	3,179	857	1,954	2,237	2,231	277
(76)1976/77 2)	2,302	1.23	2,831	930	2,150	1,950	1,830	348
(77)1977/78 3)	2,800	1.34	3,750	970	2,200	2,400	2,600	528
			BARLEY (AUGUST-JULY)					
CANADA								
(67)1967/68...	3,287	1.67	5,505	4,685	1,059	739	838	2,850
(68)1968/69...	3,583	1.90	7,099	5,161	411	457	447	4,341
(69)1969/70...	3,787	2.13	8,084	6,463	1,179	2,014	1,497	4,465
(70)1970/71...	4,004	2.22	8,809	6,351	3,823	3,920	3,862	3,141
(71)1971/72...	5,657	2.32	13,099	7,944	4,174	4,573	4,468	3,828
(72)1972/73...	5,062	2.23	11,285	7,312	3,864	3,321	3,598	4,203
(73)1973/74...	4,839	2.11	10,224	7,306	2,663	2,577	2,583	4,538
(74)1974/75...	4,775	1.84	8,802	6,444	2,668	3,208	2,792	4,104
(75)1975/76...	4,468	2.13	9,520	6,519	4,330	4,306	4,341	2,764
(76)1976/77 2)	4,414	2.38	10,513	6,363	3,785	3,800	3,640	3,274
(77)1977/78 3)	4,828	2.11	10,200	6,374	3,700	3,700	3,700	3,400
			TOTAL OF ABOVE					
TOTAL								
(67)1967/68...	14,318	1.52	21,715	14,831	9,123	8,581	9,188	4,091
(68)1968/69...	14,985	1.68	25,230	15,783	9,597	9,445	8,192	5,883
(69)1969/70...	16,463	1.90	31,342	19,094	10,298	12,470	12,178	5,975
(70)1970/71...	18,008	2.09	37,666	18,164	15,334	16,455	19,049	6,432
(71)1971/72...	18,798	1.99	37,395	21,458	17,890	16,427	15,136	7,235
(72)1972/73...	18,203	1.82	33,110	20,956	13,492	14,178	13,406	5,983
(73)1973/74...	18,590	2.31	42,938	22,742	14,652	16,285	18,312	7,867
(74)1974/75...	17,690	2.05	36,329	20,574	18,901	18,254	16,445	7,261
(75)1975/76...	17,786	1.97	35,050	19,866	17,831	18,328	18,133	4,312
(76)1976/77 2)	**18,128**	**2.27**	**41,180**	**20,714**	**17,176**	**19,700**	**19,920**	**4,858**
(77)1977/78 3)	**19,337**	**2.00**	**38,700**	**21,339**	**18,523**	**17,500**	**17,050**	**4,886**

1) IMPORTS OF 1 NEEDED TO BALANCE S&D. 2) PRELIMINARY. 3) PROJECTION. 4) IMPORTS OF 503 NEEDED TO BALANCE S&D. 5) IMPORTS OF 9 NEEDED TO BALANCE S&D. 6) IMPORTS OF 2 NEEDED TO BALANCE S&D. 7) IMPORTS OF 3 NEEDED TO BALANCE S&D. 8) IMPORTS OF 16 NEEDED TO BALANCE S&D. 9) IMPORTS OF 33 NEEDED TO BALANCE S&D. 10) IMPORTS OF 12 NEEDED TO BALANCE S&D.

NOTE: YEARS IN PARANTHESES ARE 'DESIGNATED PRODUCTION YEARS', USED FOR PURPOSES OF AGGREGATING WORLD CROPS. SEE FOOTNOTE 6 ON PAGE 2. SPLIT YEARS (EG. 1977/78) DENOTE LOCAL MARKETING YEARS.

WESTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC CONSUMPTION FOR FEED	TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	41.4	2.86	118.4	28.1	11.1	17.0	86.3	140.8	-5.4
1970/71	41.4	2.78	115.0	35.3	7.9	27.4	87.7	143.0	-0.6
1971/72	41.5	3.20	132.8	28.4	9.7	18.7	90.3	148.1	3.4
1972/73	41.4	3.21	132.9	30.1	11.9	18.2	94.4	152.3	-1.2
1973/74	41.0	3.29	134.8	48.1	26.2	21.8	96.0	154.4	2.3
1974/75	41.4	3.43	141.8	32.8	12.8	20.0	96.4	156.3	5.5
1975/76	40.6	3.20	130.0	31.0	14.7	16.4	93.3	152.5	-6.1
1976/77 3)	40.8	3.03	123.7	39.2	8.1	31.1	95.2	155.3	-0.4
1977/78 4)	40.1	3.39	136.1	33.1	11.6	21.5	97.0	157.3	0.3
WHEAT									
1969/70	17.4	2.60	45.2	8.6	7.0	1.6	13.7	51.2	-4.4
1970/71	17.1	2.56	43.8	11.1	3.8	7.3	14.3	51.7	-0.6
1971/72	17.1	3.00	51.3	8.0	4.5	3.5	13.9	51.6	3.2
1972/73	16.8	3.05	51.3	8.1	6.8	1.3	16.1	53.2	-0.6
1973/74	16.2	3.14	50.8	6.4	5.8	0.6	12.6	49.4	2.0
1974/75	16.7	3.39	56.7	6.2	8.3	-2.1	13.4	51.5	3.0
1975/76	15.4	3.15	48.5	6.4	9.6	-3.1	10.4	48.5	-3.2
1976/77 3)	16.5	3.09	50.9	4.6	4.9	-0.3	11.5	50.4	0.2
1977/78 4)	15.2	3.29	50.2	6.9	6.4	0.5	12.0	50.7	-0.0
COARSE GRAINS									
1969/70	24.0	3.05	73.2	19.5	4.1	15.4	72.6	89.6	-1.0
1970/71	24.3	2.93	71.2	24.2	4.1	20.1	73.4	91.3	0.0
1971/72	24.4	3.34	81.5	20.4	5.2	15.2	76.4	96.5	0.2
1972/73	24.6	3.32	81.6	22.0	5.1	16.9	78.3	99.1	-0.6
1973/74	24.8	3.39	84.1	26.8	5.5	21.3	83.4	105.0	0.3
1974/75	24.7	3.45	85.1	26.7	4.5	22.1	83.0	104.8	2.4
1975/76	25.2	3.23	81.5	24.6	5.1	19.5	82.9	104.0	-3.0
1976/77 3)	24.3	3.00	72.9	34.6	3.2	31.4	83.7	104.8	-0.5
1977/78 4)	24.9	3.45	85.9	26.2	5.3	21.0	85.0	106.6	0.3

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EUROPEAN COMMUNITY: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	26.9	3.42	92.1	22.0	9.7	12.3	66.8	109.2	-4.8
1970/71	26.9	3.27	88.0	28.7	6.7	22.0	67.3	110.1	-0.1
1971/72	26.9	3.74	100.5	22.2	8.2	14.0	67.8	113.1	1.4
1972/73	26.9	3.84	103.3	22.9	10.1	12.8	71.1	116.6	-0.5
1973/74	26.7	3.97	105.8	23.2	10.5	12.7	71.3	117.2	1.3
1974/75	26.7	4.05	108.2	23.3	10.8	12.4	69.5	116.2	4.5
1975/76	26.3	3.70	97.3	22.5	12.8	9.8	67.1	113.4	-6.3
1976/77 3)	26.2	3.48	91.2	29.3	6.0	23.3	67.8	114.5	0.1
1977/78 4)	26.2	3.97	104.1	22.1	10.0	12.1	68.6	115.4	0.7
WHEAT									
1969/70	11.1	3.22	35.7	7.1	6.0	1.1	12.1	40.8	-4.0
1970/71	10.9	3.18	34.7	9.5	3.4	6.1	12.4	40.8	0.0
1971/72	11.1	3.61	40.1	6.8	4.1	2.7	11.9	41.0	1.8
1972/73	11.1	3.74	41.5	7.0	6.0	1.0	14.3	42.8	-0.3
1973/74	10.8	3.82	41.4	4.9	5.2	-0.3	11.5	40.0	1.1
1974/75	11.2	4.04	45.4	5.0	6.9	-2.0	11.9	40.7	2.7
1975/76	10.5	3.64	38.1	5.5	8.4	-2.9	9.2	38.0	-2.8
1976/77 3)	11.2	3.53	39.6	3.5	3.6	-0.1	10.0	39.4	0.0
1977/78 4)	10.4	3.91	40.5	5.4	5.5	-0.1	10.9	40.2	0.3
COARSE GRAINS									
1969/70	15.8	3.57	56.4	14.9	3.7	11.2	54.7	68.4	-0.8
1970/71	16.0	3.33	53.3	19.2	3.3	15.9	54.9	69.3	-0.1
1971/72	15.8	3.82	60.4	15.4	4.1	11.3	55.9	72.1	-0.4
1972/73	15.8	3.91	61.8	15.9	4.1	11.8	56.8	73.8	-0.2
1973/74	15.9	4.06	64.4	18.3	5.3	13.0	59.8	77.2	0.1
1974/75	15.5	4.05	62.8	18.3	3.9	14.4	57.6	75.5	1.7
1975/76	15.8	3.74	59.2	17.1	4.4	12.7	58.0	75.4	-3.5
1976/77 3)	15.0	3.45	51.6	25.8	2.3	23.4	57.8	75.0	0.1
1977/78 4)	15.9	4.01	63.5	16.6	4.5	12.2	57.8	75.2	0.4

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EASTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	TOTAL USAGE 1)	STOCKS CHANGE 2)
TOTAL GRAINS								
1969/70	31.0	2.45	75.8	7.6	2.7	4.9	79.7	1.0
1970/71	29.4	2.27	66.7	10.3	2.4	7.9	76.3	-1.7
1971/72	30.3	2.71	82.0	10.3	1.5	8.8	91.1	-0.3
1972/73	30.4	2.87	87.4	9.8	2.4	7.4	95.0	-0.2
1973/74	29.6	2.95	87.2	9.4	4.5	4.9	91.7	0.4
1974/75	29.4	3.10	91.3	11.1	2.9	8.2	98.5	1.0
1975/76	29.6	2.97	87.8	11.6	4.2	7.4	96.0	-0.7
1976/77 3)	29.6	3.18	94.0	14.5	2.9	11.6	103.5	2.1
1977/78 4)	29.7	3.14	93.3	12.3	4.2	8.1	102.3	-0.9
WHEAT								
1969/70	10.9	2.34	25.5	4.7	1.3	3.4	28.5	0.4
1970/71	10.2	2.25	23.0	6.7	0.9	5.8	29.2	-0.4
1971/72	10.7	2.82	30.2	5.2	0.9	4.3	35.2	-0.7
1972/73	10.8	2.84	30.7	4.6	0.9	3.7	34.6	-0.2
1973/74	10.3	3.05	31.5	5.6	2.0	3.7	35.0	0.1
1974/75	10.6	3.22	34.0	4.7	1.7	3.0	35.9	1.2
1975/76	9.9	2.86	28.5	4.9	1.3	3.6	33.6	-1.6
1976/77 3)	10.3	3.36	34.5	6.1	1.5	4.7	38.3	0.9
1977/78 4)	10.1	3.31	33.4	5.2	2.2	3.0	36.9	-0.5
COARSE GRAINS								
1969/70	20.1	2.50	50.3	2.9	1.4	1.5	51.2	0.6
1970/71	19.2	2.28	43.7	3.6	1.5	2.1	47.1	-1.3
1971/72	19.6	2.64	51.8	5.1	0.6	4.5	55.9	0.4
1972/73	19.6	2.89	56.7	5.2	1.5	3.7	60.4	0.0
1973/74	19.2	2.90	55.7	3.8	2.5	1.3	56.7	0.3
1974/75	18.9	3.04	57.3	6.4	1.2	5.2	62.6	-0.2
1975/76	19.7	3.02	59.4	6.7	2.9	3.8	62.4	0.8
1976/77 3)	19.3	3.08	59.5	8.3	1.4	6.9	65.2	1.2
1977/78 4)	19.7	3.05	59.9	7.1	2.1	5.1	65.4	-0.5

1) CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS FOR THOSE COUNTRIES FOR WHICH NO STOCKS DATA ARE AVAILABLE.
2) INCLUDES YEAR-TO-YEAR FLUCTUATIONS ONLY FOR THOSE COUNTRIES/COMMODITIES FOR WHICH STOCK DATA ARE AVAILABLE.
3) PRELIMINARY.
4) PROJECTION.

SELECTED WORLD GRAIN PRICES, CIF ROTTERDAM 1/
(In U.S. dollars per metric ton)

	WHEAT			CORN	SORGHUM
	U.S. No. 2 Dark Northern Spring 14%	U.S. No. 2 Hard Winter 13½%	2/ Canadian Western Red Spring 13½%	U.S. No. 3 Yellow Corn	U.S. No. 2 Yellow Sorghum
1970/71 (July-June)	73.71	71.19	74.13	69.07	68.20
1971/72 (July-June)	69.74	66.69	72.42	57.01	60.80
1972/73 (July-June)	100.14	92.50	101.97	77.12	78.64
1973/74 (July-June)	202.95	200.35	214.40	132.90	127.20
1974/75 (July-June)	204.26	189.05	209.65	143.18	135.53
1975/76 (July-June)	187.15	177.70	195.12	128.80	122.50
1976/77 (July-June)	141.17	137.02	143.71	118.90	108.52
1974					
January	239.65	229.65	239.20	136.20	133.00
February	240.50	231.85	243.90	142.90	136.80
March	227.85	224.50	240.15	146.45	137.00
April	182.30	183.35	214.30	131.90	124.90
May	180.50	170.50	185.45	129.50	116.10
June	209.15	177.10	204.10	133.05	117.00
July	213.85	190.70	216.25	139.75	123.60
August	217.40	194.00	215.80	139.05	138.00
September	214.25	203.55	213.05	152.75	142.20
October	232.60	229.65	233.95	163.40	161.00
November	233.20	228.90	236.80	164.55	163.00
December	227.80	219.35	231.85	159.60	159.70
1975					
January	203.90	194.75	208.75	143.30	135.50
February	192.04	180.20	198.16	137.13	127.30
March	178.70	175.85	181.90	135.25	124.50
April	181.77	159.25	192.10	130.34	127.11
May	180.83	145.85	192.58	123.49	116.39
June	174.76	146.50	195.00	129.60	108.08
July	185.35	174.35	205.05	140.90	118.20
August	195.95	187.65	210.20	147.45	134.90
September	203.90	195.10	228.20	138.20	132.30
October	193.20	185.00	219.35	132.35	128.75
November	182.50	172.65	NA	121.68	122.05
December	187.45	166.50	NA	118.65	119.55
1976					
January	183.45	168.30	NA	118.45	118.50
February	194.90	183.10	NA	121.30	119.90
March	194.35	182.85	174.50 3/	122.05	120.25
April	174.35	175.55	166.32 3/	122.24	115.18
May	177.80	169.05	168.85 3/	129.35	119.60
June	181.30	172.20	188.50 3/	133.00	120.90
July	176.46	175.70	174.55 3/	133.80	121.05
August	158.15	159.45	158.10	128.10	117.30
September	148.40	149.50	155.00	132.25	119.55
October	138.25	138.90	145.00	119.95	113.45
November	137.30	130.84	140.70	108.80	105.90
December	139.00	131.80	136.77	111.10	107.70
1977					
January	145.50	134.85	143.60	123.00	111.20
February	147.75	133.30	146.00	123.90	112.35
March	134.30	131.80	135.40	117.15	104.80
April	130.15	130.00	133.10	115.45	100.10
May	126.71	120.85	133.54	116.42	96.50
June	114.82	113.79	126.89	102.70	91.92
July	111.20	116.15	121.48	95.75	89.20
Aug	109.80	115.85	116.85	87.22	87.02
Aug 2	108.25	108.00	116.00	90.50	88.00
10	108.00	107.50	116.50	88.00	87.75
16 4/	109.75	103.50	116.50	88.00	87.75
23	108.50	106.50	114.50	83.50	84.50
30	112.50	110.00	118.75	84.25	85.75
Sept 6	117.00	113.00	124.00	85.25	84.00
13	120.50	110.00	NA	88.00	85.75

1/ Hamburg Mercantile Exchange prices for Rotterdam. Averages: basis daily market quotes. 30 days delivery.
2/ Prior to September 1971 prices for No. 2 Manitoba Northern.
3/ Canadian No. 2 CWRS - 12.5 percent protein.
4/ Weekly Rotterdam prices for August and September as reported by U.S. Agricultural Attache, the Hague.

U.S.: TOTAL GRAINS
SUPPLY/DISTRIBUTION

	BEGINNING STOCKS	HARVESTED AREA	YIELD	PRODUCTION	IMPORTS	EXPORTS	FEED USAGE	TOTAL CONSUMPTION
	MILLION METRIC TONS/MILLION HECTARES							
TOTAL GRAINS								
1961/62	115.7	64.2	2.5	161.0	0.6	35.4	112.2	140.2
1962/63	101.7	59.7	2.7	159.3	0.3	33.2	108.5	136.9
1963/64	91.2	61.5	2.8	171.5	0.4	40.6	106.0	135.0
1964/65	87.5	60.1	2.6	157.4	0.3	39.4	104.6	133.6
1965/66	76.5	59.5	3.0	180.0	0.3	49.6	119.6	149.0
1966/67	58.2	60.3	3.0	180.4	0.3	41.4	118.3	148.0
1967/68	49.5	65.0	3.1	203.8	0.2	42.2	118.5	148.7
1968/69	62.6	62.1	3.2	197.7	0.2	31.5	127.1	157.2
1969/70	71.8	58.5	3.4	200.9	0.4	35.4	134.6	164.7
1970/71	73.0	58.3	3.1	183.0	0.3	39.1	131.8	162.6
1971/72	54.6	63.0	3.7	233.8	0.3	41.1	143.2	174.2
1972/73	73.4	57.5	3.9	224.0	0.4	70.2	147.5	180.0
1973/74	40.0	62.8	3.7	233.0	0.3	74.2	143.3	176.1
1974/75	31.0	67.7	2.9	199.3	0.6	63.6	107.0	140.1
1975/76	27.3	71.0	3.4	243.0	0.5	82.0	118.2	153.4
1976/77	35.5	72.5	3.5	251.5	0.4	75.8	115.1	150.8
1977/78	60.8	70.7	3.6	253.0	0.3	70.8	125.3	161.5
1978/79	82.6							
WHEAT								
1971/72	22.4	19.3	2.3	44.0	0.0	16.6	7.0	23.0
1972/73	26.8	19.1	2.2	42.0	0.0	30.8	5.5	21.7
1973/74	16.3	21.8	2.1	46.4	0.1	33.1	3.7	20.4
1974/75	9.2	26.5	1.8	48.9	0.1	27.7	1.9	18.6
1975/76	11.8	28.2	2.1	58.1	0.1	31.9	2.2	20.0
1976/77	18.1	28.7	2.0	58.4	0.1	25.8	3.1	20.6
1977/78	30.2	26.9	2.1	55.2	0.1	27.2	6.4	23.8
1978/79	34.5							
COARSE GRAINS								
1971/72	32.2	43.7	4.3	189.8	0.3	24.5	136.2	151.2
1972/73	46.6	38.4	4.7	182.0	0.4	39.4	142.0	158.0
1973/74	31.7	41.6	4.5	186.6	0.2	41.1	139.6	155.6
1974/75	21.8	41.1	3.7	150.5	0.5	35.9	105.1	121.4
1975/76	15.4	42.8	4.3	184.9	0.4	50.0	116.0	133.4
1976/77	17.4	43.9	4.4	193.1	0.3	50.0	112.0	130.2
1977/78	30.6	43.8	4.5	198.5	0.2	43.6	119.0	137.7
1978/79	48.1							
	MILLION BUSHELS/MILLION ACRES							
WHEAT								
1973/74	599	53.9	31.6	1705	3	1217	137	751
1974/75	339	65.6	27.4	1796	3	1018	71	685
1975/76	435	69.6	30.7	2135	2	1173	81	735
1976/77	664	70.8	30.3	2147	3	949	114	756
1977/78	1109	66.5	30.5	2030	2	1000	235	873
1978/79	1268							
CORN								
1973/74	709	61.9	91.2	5647	1	1243	4193	4631
1974/75	483	65.4	71.3	4664	2	1149	3191	3641
1975/76	359	67.2	86.3	5797	2	1711	3558	4049
1976/77	398	71.1	87.4	6216	2	1650	3550	4065
1977/78	901	69.5	89.6	6229	1	1450	3750	4280
1978/79	1401							
SORGHUM								
1973/74	73	15.9	58.5	930	0	234	702	708
1974/75	61	13.9	45.3	629	0	212	437	443
1975/76	35	15.5	49.0	760	0	229	508	514
1976/77	52	14.9	40.6	724	0	255	420	426
1977/78	95	14.1	55.7	786	0	225	460	466
1978/79	190							
BARLEY								
1973/74	192	10.5	40.2	422	9	93	239	384
1974/75	146	0.2	37.1	304	20	42	187	336
1975/76	92	0.7	44.1	384	16	24	192	339
1976/77	129	8.4	44.9	377	11	66	167	324
1977/78	127	9.6	42.2	405	10	40	180	344
1978/79	150							
OATS								
1973/74	461	14.1	47.3	667	0	57	675	763
1974/75	308	13.2	46.5	614	0	19	595	679
1975/76	224	13.6	48.4	658	1	14	574	661
1976/77	208	12.4	45.3	562	1	10	504	593
1977/78	168	14.4	52.7	759	0	10	540	630
1978/79	287							
RYE								
1973/74	39	1.0	26.0	26	0	28	10	23
1974/75	14	0.9	21.1	19	0	6	9	21
1975/76	7	0.8	22.5	10	1	1	9	20
1976/77	5	0.8	21.2	17	1	1	8	18
1977/78	5	0.0	25.5	20	0	1	10	21
1978/79	3							

NOTES: TOTAL GRAINS INCLUDE WHEAT, CORN, SORGHUM, BARLEY, OATS AND RYE.
COMMODITY YEARS AS FOLLOWS: JUNE/MAY - WHEAT, BARLEY, OATS AND RYE.
OCTOBER/SEPTEMBER - CORN AND SORGHUM.
DOES NOT INCLUDE CANADIAN TRANSSHIPMENTS; INCLUDES MAJOR PRODUCTS

U.S. RICE
SUPPLY/DISTRIBUTION
August/July Marketing Year

	Area Harvested	Yield	Rough Production	Beginning Stocks	Milled Production	Imports	Exports	Total Consumption 1/
	Thousand Metric Tons/Thousand Hectares							
1960/61	645	3.84	2477	395	1756	9	919	911
1961/62	643	3.82	2459	330	1763	13	936	997
1962/63	718	4.17	2996	173	2133	1	1119	937
1963/64	717	4.45	3188	251	2295	1	1385	917
1964/65	723	4.59	3318	245	2386	15	1387	1008
1965/66	725	4.77	3460	251	2497	22	1418	1081
1966/67	796	4.84	3856	271	2805	-	1719	1079
1967/68	797	5.09	4054	278	2950	-	1887	1119
1968/69	952	4.96	4723	222	3459	-	1819	1330
1969/70	861	4.84	4168	532	3003	7	1791	1215
1970/71	734	5.18	3801	536	2796	48	1474	1295
1971/72	736	5.28	3889	611	2837	36	1808	1304
1972/73	736	5.26	3874	372	2828	17	1733	1317
1973/74	878	4.79	4209	167	3035	7	1607	1347
1974/75	1026	4.97	5098	255	3667	-	2207	1483
1975/76	1134	5.12	5806	232	4077	-	1744	1390
1976/77	1012	5.24	5307	1175	3827	-	2105	1600
1977/78	891	5.10	4547	1299	3274	-	2113	1484
1978/79				976				
	Million Hundredweight/Million Acres							
1971/72	1.8	47.67	85.8	18.6	1.1		56.9	37.2
1972/73	1.8	47.44	85.4	11.4	.5		54.0	38.2
1973/74	2.2	42.18	92.8	5.1	.2		49.7	40.6
1974/75	2.5	44.96	112.4	7.8	-		69.5	43.6
1975/76	2.8	45.71	128.0	7.1	-		56.5	41.7
1976/77	2.5	46.79	117.0	36.9	-		64.5	49.7
1977/78	2.2	45.52	100.2	39.7	-		64.7	45.3
1978/79				29.9				

1/ Includes statistical discrepancy in Supply/Use Report.

SOURCE: Agricultural Supply Demand Estimate Report.

WORLD WHEAT S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	214.6	1.44	54.2	308.7	58.1	281.9
1967/68	219.3	1.36	81.0	297.3	53.5	289.8
1968/69	224.2	1.47	88.4	328.6	49.8	304.6
1969/70	217.9	1.42	112.4	309.9	55.2	326.9
1970/71	206.9	1.53	95.4	315.7	53.4	339.1
1971/72	212.8	1.64	72.0	348.2	55.6	341.4
1972/73	210.8	1.63	78.8	343.3	70.8	361.2
1973/74	216.5	1.72	61.0	371.6	72.6	363.5
1974/75	220.5	1.62	69.1	356.4	68.0	362.7
1975/76	225.8	1.55	62.7	349.4	73.1	348.8
1976/77 4)	232.0	1.78	63.4	412.5	63.6	375.3
1977/78 5)	228.0	1.72	100.6	391.6	74.2	395.9
1978/79 5)			96.3			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIS FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	329.8	1.57	67.1	517.7	43.0	516.8
1967/68	334.9	1.62	68.1	541.4	44.6	532.5
1968/69	334.9	1.63	77.0	545.7	39.8	541.7
1969/70	338.4	1.69	81.0	570.9	47.1	570.2
1970/71	339.6	1.68	81.7	569.1	53.3	585.7
1971/72	340.9	1.82	65.1	621.9	55.5	608.6
1972/73	338.0	1.78	78.4	602.7	69.0	620.5
1973/74	351.3	1.88	60.6	660.9	80.9	665.3
1974/75	349.2	1.78	56.2	620.4	69.5	624.6
1975/76	355.0	1.79	52.0	634.4	88.9	634.2
1976/77 4)	357.8	1.93	52.2	691.2	85.2	672.7
1977/78 5)	360.1	1.93	70.7	695.6	77.4	678.1
1978/79 5)			88.3			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD WHEAT & COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	544.4	1.52	121.3	826.4	101.1	798.7
1967/68	554.2	1.51	149.1	838.7	98.1	822.3
1968/69	559.1	1.56	165.4	874.3	89.6	846.3
1969/70	556.3	1.58	193.4	880.8	102.3	897.1
1970/71	546.5	1.62	177.1	884.8	106.7	924.8
1971/72	553.7	1.75	137.1	970.1	111.1	950.0
1972/73	548.8	1.72	157.2	946.0	139.8	981.7
1973/74	567.8	1.82	121.6	1032.5	153.5	1028.8
1974/75	569.7	1.71	125.2	976.8	137.5	987.3
1975/76	580.7	1.69	114.7	983.8	162.1	982.9
1976/77 4)	589.8	1.87	115.6	1103.7	148.8	1048.0
1977/78 5)	588.1	1.85	171.3	1087.3	151.6	1074.0
1978/79 5)			184.6			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD RICE S & D 1)
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD 2)	PRODUCTION ROUGH	PRODUCTION MILLED	BEGINNING 3) STOCKS	TOTAL 4) EXPORTS	TOTAL 5) CONSUMPTION
1966/67	125.3	2.12	265.1	179.4	10.1	7.4	180.9
1967/68	127.1	2.25	286.5	193.8	8.6	6.9	190.6
1968/69	128.3	2.25	289.0	195.4	11.8	6.8	192.2
1969/70	132.0	2.27	299.9	202.7	15.0	7.4	200.0
1970/71	131.4	2.35	309.3	209.0	17.7	8.0	208.1
1971/72	131.6	2.39	313.9	212.0	18.6	8.1	214.8
1972/73	130.9	2.31	302.9	204.7	15.8	8.1	209.7
1973/74	135.1	2.40	324.3	219.0	10.2	7.7	216.7
1974/75	137.2	2.40	330.0	222.9	12.5	7.6	223.4
1975/76	142.1	2.49	353.5	238.6	12.0	8.0	232.7
1976/77 6)	141.0	2.41	339.7	229.4	18.0	8.3	231.7
1977/78 7)	141.9	2.46	349.0	235.2	15.7	8.3	234.7
1978/79 7)					16.2		

1) PRODUCTION IS EXPRESSED ON BOTH ROUGH AND MILLED BASIS; STOCKS, EXPORTS AND CONSUMPTION ARE EXPRESSED ON MILLED BASIS.
2) BASED ON ROUGH PRODUCTION.
3) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLS STOCK LEVELS AT A FIXED POINT IN TIME. COMPARARABLE DATA NOT AVAILABLE FOR YEARS PRIOR TO 1966/67.
4) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
5) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, CONSUMTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
6) PRELIMINARY.
7) PROJECTION.

WORLD TOTAL GRAINS S & D *
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) CONSUMPTION
1966/67	669.7	1.63	131.5	1004.3	108.5	978.2
1967/68	681.2	1.65	157.7	1031.2	105.0	1011.5
1968/69	687.4	1.69	177.3	1069.7	96.4	1038.5
1969/70	688.3	1.72	208.5	1083.4	109.8	1097.1
1970/71	677.8	1.76	194.8	1093.7	114.6	1132.8
1971/72	685.3	1.87	155.7	1182.0	119.2	1164.6
1972/73	678.8	1.84	173.1	1150.1	148.0	1191.5
1973/74	702.6	1.93	131.8	1251.5	161.2	1245.5
1974/75	707.0	1.85	137.7	1199.7	145.1	1210.7
1975/76	722.8	1.85	126.7	1222.4	170.1	1215.7
1976/77 4)	730.8	1.98	133.6	1333.1	157.1	1279.6
1977/78 5)	729.9	1.97	187.1	1322.5	159.9	1308.8
1978/79 5)			200.8			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED TO INCLUDE YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS. RICE STOCKS PRIOR TO 1966/67 ARE NOT AVAILABLE.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE AND CALENDAR YEAR TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

NOTE: INCLUDES WHEAT, COARSE GRAINS, AND RICE. YIELD IS CALCULATED ON ROUGH (PADDY) BASIS. PRODUCTION, TRADE, AND CONSUMPTION ARE EXPRESSED ON MILLED BASIS FOR RICE.

FOOTNOTES TO WORLD GRAIN SUMMARY TABLES
(TABLES ON PAGE 2, 4, and 5)

1) Wheat, wheat flour, corn, barley, oats, sorghum, and rye excluding products.

2) Argentina, Australia, Canada, Brazil, South Africa, and Thailand. Trade figures exclude South African wheat. Production figures exclude Brazilian and South African wheat.

3) Adjusted for transshipments through Canadian ports: Excludes products other than flour.

4) Wheat, rye, corn, barley, oats sorghum, millet, and mixed grains.

5) Production data include all harvests occurring within the July-June year indicated, except that small grain crops from the early harvesting Northern Hemisphere areas are "moved forward;" i.e., the May 1976 harvests in areas such as India, North Africa, and southern United States are actually included in "1976/77" accounting period which begins July 1, 1976.

6) "Bunker weight" basis; not discounted for excess moisture and foreign material.

7) Consumption data are based on an aggregate of differing local marketing years. For countries for which stocks data are not available (excluding the USSR) consumption estimates represent "apparent" consumption, i.e., they are inclusive of annual stock level adjustments.

8) Stocks data are based on an aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as the People's Republic of China, and parts of Eastern Europe: The world stock levels have been adjusted for estimated year-to-year changes in the USSR grain stocks, but do not purport to include the entire absolute level of USSR stocks.

9) Inclusive of Soviet stock changes: See footnote 8.

10) Corn, barley, oats, sorghum, and rye, excluding products.

11) Corn, barley, oats, rye, sorghum, millet, and mixed grains.

Note: Projections included for the U.S. in all the tables are the levels agreed to in the latest agricultural supply-demand estimates report.

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FG 19-77
December 20, 1977

REFERENCE TABLES ON AREA-YIELD-PRODUCTION OF ALL GRAINS

This publication contains current (as of December 19) and historical area-yield-production data by country for grains, and updates similar data published in FG 5-77, April 1, 1977. Updated data are published periodically to provide users with current estimates and a brief historical perspective, by grain and by country. The data, whenever possible, have been based on official statistics released by the governments of the countries covered. Other sources include reports by international organizations and dispatches from U.S. Agricultural Attache offices.

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NOTES AND EXPLANATIONS ON TABLES

1. Years indicated in the area-yield-production tables represent the "world" production year. Thus, 1977 production data include all harvests occurring within the July-June 1977/78 year, except that small grain crops from the early harvesting Northern Hemisphere areas are "moved forward"; i.e., the May 1977 harvests in such areas as India, North Africa and the southern United States are actually included in the July-June 1977/78 accounting period which begins July 1, 1977, and are shown as 1977 crops.

2. All data designated as 1976 are preliminary, whereas, data designated as 1977 are forecasts as of December 19, 1977.

3. Conversions which may be useful:

1 hectare	=	2.471 acres
1 metric ton	=	2204.622 pounds
1 metric ton	=	36.7437 bushels of wheat
1 metric ton	=	39.368 bushels of corn, rye, or grain sorghum
1 metric ton	=	45.9296 bushels of barley
1 metric ton	=	68.8944 bushels of oats

TOTAL GRAINS 1/ : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA	18,102	19,621	18,485	1.97	2.29	2.26	35,720	44,838	41,852
COSTA RICA	59	77	60	1.29	1.48	1.52	76	114	91
CUBA	30	30	30	.62	.67	.67	19	20	20
DOMINICAN REPUBLIC	31	31	31	2.12	2.03	2.03	65	63	63
EL SALVADOR	342	355	355	1.51	1.35	1.35	515	480	480
GUATEMALA	924	761	816	.89	1.23	1.20	823	935	977
HAITI	322	320	320	.68	.56	.76	219	180	250
HONDURAS	368	406	484	1.02	.87	.91	375	352	440
JAMAICA AND DEP	9	13	13	.84	.77	.77	7	10	10
MEXICO	9,898	10,324	10,245	1.39	1.62	1.56	13,807	16,690	15,965
NICARAGUA	277	185	185	.96	1.07	1.07	266	198	198
PANAMA	69	66	80	.80	.97	.96	56	64	77
TRINIDAD-TOBAGO	2	3	3	1.80	1.67	1.67	4	5	5
UNITED STATES	64,377	71,920	70,240	3.52	3.49	3.66	226,561	251,002	256,997
TOTAL	94,810	104,112	101,347	2.94	3.03	3.13	278,513	314,951	317,425
SOUTH AMERICA:									
ARGENTINA	11,195	12,795	11,085	1.85	2.19	2.00	20,686	27,960	22,150
BOLIVIA	395	420	420	1.05	1.08	1.08	414	455	455
BRAZIL	13,223	15,747	14,113	1.38	1.42	1.46	18,208	22,425	20,603
CHILE	899	893	761	1.56	2.08	1.93	1,405	1,857	1,466
COLOMBIA	871	869	973	1.37	1.34	1.62	1,191	1,168	1,578
ECUADOR	256	229	240	.93	.88	.78	237	201	188
GUYANA	1	4	5	1.80	2.25	2.20	2	9	11
PARAGUAY	225	255	255	1.39	1.25	1.35	311	319	345
PERU	717	760	776	1.32	1.36	1.39	944	1,031	1,078
URUGUAY	708	878	748	1.08	.96	1.19	767	847	891
VENEZUELA	504	605	705	1.18	1.27	1.63	595	771	1,151
TOTAL	28,993	33,455	30,081	1.54	1.71	1.66	44,760	57,043	49,916
EUROPE:									
BELGIUM-LUXEMBOURG	486	461	481	4.22	3.97	4.35	2,051	1,831	2,093
DENMARK	1,755	1,787	1,795	3.91	3.27	4.01	6,864	5,843	7,200
FRANCE	9,695	9,419	9,712	4.06	3.43	3.98	39,403	32,333	38,625
GERMANY,WEST	5,286	5,275	5,224	4.02	3.63	4.13	21,254	19,134	21,596
IRELAND	358	341	351	3.97	3.79	4.89	1,422	1,292	1,715
ITALY	5,102	4,973	4,343	3.04	3.24	3.24	15,487	16,117	14,066
NETHERLANDS	295	240	236	4.48	4.78	4.75	1,320	1,148	1,122
UNITED KINGDOM	3,753	3,685	3,714	4.06	3.60	4.59	15,220	13,262	17,050
TOTAL EC	26,729	26,181	25,856	3.85	3.47	4.00	103,021	90,960	103,467
AUSTRIA	981	1,026	1,016	3.75	4.17	4.06	3,675	4,278	4,124
FINLAND	1,260	1,363	1,250	2.42	2.94	2.39	3,044	4,007	2,984
GREECE	1,553	1,523	1,501	2.28	2.61	2.01	3,542	3,970	3,018
MALTA-GOZO	3	3	3	1.47	1.67	1.67	4	5	5
NORWAY	282	297	302	3.17	2.85	3.53	894	845	1,065
PORTUGAL	1,377	1,428	1,043	1.05	.99	.79	1,447	1,416	819
SPAIN	7,291	7,170	7,042	1.73	1.72	1.86	12,602	12,331	13,122
SWEDEN	1,530	1,584	1,606	3.55	3.43	3.56	5,435	5,431	5,722
SWITZERLAND	180	175	183	4.31	4.56	4.32	776	798	791
TOTAL WESTERN EUROPE	41,186	40,750	39,802	3.26	3.04	3.399	134,441	124,041	135,117
ALBANIA	371	392	392	1.42	1.42	1.42	525	557	557
BULGARIA	2,099	2,119	2,121	3.43	3.78	3.76	7,196	8,013	7,981
CZECHOSLOVAKIA	2,739	2,723	2,733	3.41	3.36	3.81	9,349	9,162	10,400
GERMANY,DEMOCRATIC REP	2,397	2,542	2,517	3.62	3.23	3.58	8,679	8,201	9,002
HUNGARY	3,136	3,027	2,998	3.59	3.74	4.18	11,258	11,316	12,524
POLAND	8,231	7,768	7,996	2.54	2.69	2.41	20,933	20,864	19,238
ROMANIA	6,043	6,286	6,309	2.44	3.12	2.83	14,757	19,638	17,845
YUGOSLAVIA	4,846	4,703	4,541	2.98	3.44	3.73	14,460	16,179	16,941
TOTAL EASTERN EUROPE	29,861	29,560	29,607	2.92	3.18	3.19	87,156	93,930	94,488
TOTAL EUROPE	71,047	70,310	69,409	3.12	3.10	3.31	221,597	217,971	229,605
U.S.S.R.(EUROPE AND ASIA)	115,969	120,294	122,000	1.48	1.76	1.48	171,266	211,859	180,000

- Continued -

TOTAL GRAINS : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSA D MT
AFRICA:									
ALGERIA	2,812	2,805	2,805	.60	.88	.70	1,679	2,461	1,961
ANGOLA	715	688	688	.75	.70	.70	538	485	485
BENIN (DAHOMEY)	425	424	454	.57	.62	.63	242	262	287
BURUNDI	321	287	287	1.00	1.09	1.09	322	312	312
CAMEROON	819	850	850	.86	.82	.82	707	695	695
EGYPT	1,489	1,496	1,458	3.56	3.75	3.75	5,296	5.603	5,462
ETHIOPIA	4,554	4,760	4,785	.87	.88	.88	3,950	4.190	4,230
GHANA	786	729	794	.86	.62	.62	674	452	491
GUINEA	236	250	250	.33	.32	.32	77	80	80
IVORY COAST	408	444	444	.68	.69	.69	277	306	306
KENYA	1,677	1.570	1,572	1.26	1.40	1.40	2,119	2.198	2,207
LIBYA	244	280	280	.60	.64	.64	145	180	180
MALAGASY REPUBLIC	110	120	120	1.03	1.00	1.00	113	120	120
MALAWI	1,000	1,000	1,000	1.09	1.10	1.20	1,094	1,100	1,200
MALI	1,172	1.290	1,290	.58	.57	.57	674	735	735
MOROCCO	4,140	4,551	4,737	.98	1.20	.59	4,042	5,443	2,816
MOZAMBIQUE	1,060	776	776	.61	.76	.62	645	593	483
NIGER	1,786	1,890	1,890	.42	.44	.44	756	830	830
NIGERIA	11,847	12,685	12,820	.62	.63	.64	7,298	8.027	8,208
RHODESIA	933	893	893	1.87	1.91	1.80	1,748	1,705	1,605
RWANDA	276	283	283	1.02	1.01	1.01	280	286	286
SENEGAL	1,035	1,063	1,067	.56	.56	.65	580	599	697
SIERRA LEONE	8	6	6	1.12	1.17	1.17	9	7	7
SOUTH AFRICA	7,316	7,406	7,258	1.44	1.67	1.63	10,529	12,357	11,823
SUDAN	3,189	3,400	3,400	.70	.87	.85	2,240	2,950	2,900
TANZANIA	2,538	2,680	2,680	.84	.86	.86	2,133	2,310	2,310
TOGO	162	155	155	.81	.87	.87	131	135	135
TUNISIA	1,429	1,400	1,400	.70	.82	.30	1,002	1,150	425
UGANDA	1,150	1,170	1,170	1.08	1.03	1.03	1,241	1,200	1,200
UPPER VOLTA	1,823	1,900	1,900	.46	.45	.48	837	855	905
ZAMBIA	555	506	506	1.72	2.19	1.94	953	1,107	982
ZAIRE	418	453	453	1.02	1.06	1.08	427	482	487
TOTAL	56,434	58,210	58,471	.93	1.02	.94	52,761	59,215	54,850
ASIA:									
AFGHANISTAN	3,478	3,810	3,810	1.03	1.05	.98	3,592	4.015	3,715
BANGLADESH	225	342	342	.73	.98	.98	165	335	335
BURMA	327	345	170	.51	.58	.88	167	200	150
CAMBODIA	84	100	100	1.22	1.20	1.20	103	120	120
CHINA,PEOPLES REP	76,414	78,630	78,630	1.23	1.34	1.30	94,004	105.000	102,000
CHINA,REP OF (TAIWAN)	38	45	47	2.53	2.67	2.89	97	120	136
CYPRUS	124	140	140	1.21	.96	.96	150	135	135
INDIA	62,433	62,781	62,581	.81	.93	.90	50,711	58,235	56,128
INDONESIA	2,656	2,095	2,000	1.01	1.23	1.15	2,690	2,572	2,300
IRAN	5,840	6,395	6,450	.85	1.05	.96	4,956	6,700	6,165
IRAQ	1,965	2,436	2,436	.97	.81	.62	1,911	1,973	1,513
ISRAEL	141	140	139	2.26	1.94	2.17	319	272	301
JAPAN	243	185	177	2.69	2.54	2.67	653	469	472
JORDAN	296	192	171	.73	.43	.43	216	82	74
KOREA NORTH	1,046	1,110	1,110	2.05	2.42	2.24	2,145	2,685	2,485
KOREA,REP OF	819	808	603	2.15	2.41	1.61	1,760	1,951	969
LEBANON	60	71	46	1.06	.77	1.30	64	55	60
MALAYSIA (PENINSULAR)	4	12	13	2.25	2.25	2.23	9	27	29
NEPAL	840	948	862	1.41	1.38	1.52	1,184	1,308	1,306
OUTER MONGOLIA	355	360	360	.81	.79	.79	288	285	285
PAKISTAN	7,891	8,011	8,216	1.12	1.27	1.29	8,805	10.173	10,558
PHILIPPINES	2,768	3,321	3,500	.83	.86	.87	2,294	2,843	3,060
SAUDI,ARABIA	176	176	176	1.40	1.35	1.35	247	237	237
SRI LANKA (CEYLON)	21	20	20	.98	1.00	1.00	20	20	20
SYRIA	2,153	2,824	1,375	.82	1.04	.92	1,755	2,930	1,260
THAILAND	1,229	1,629	1,653	2.03	1.84	1.24	2,494	3,000	2,050
TURKEY	12,356	12,818	12,633	1,27	1.61	1.67	15,898	20,617	21,060
VIETNAM, SOC. REP.	14	30	30	1.21	1.17	1.17	17	35	35
VIETNAM, SO.	21	- - -	- - -	1.20	- - -	- - -	25	- - -	- - -
YEMEN, SO. (ADEN)	384	384	384	1.47	1.47	1.47	564	564	564
TOTAL	184,601	190,158	188,174	1.07	1.19	1.16	197,302	226,958	217,522
OCEANIA:									
AUSTRALIA	12,007	12,881	15,118	1.25	1.31	.89	14,960	16,853	13,503
NEW ZEALAND	219	223	220	3.91	4.54	4.56	854	1,012	1,003
TOTAL	12,225	13,104	15,338	1,29	1.36	.95	15,813	17,865	14,506
WORLD TOTAL:	564,079	589,643	584,798	1.74	1.88	1.82	982,013	1,105,862	1,063,683

1/ Includes wheat and coarse grains but not rice.

WHEAT : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES. YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA	8,897	11,252	10,111	1.70	2.10	1.94	15,092	23,587	19,651
GUATEMALA	38	48	44	.93	.90	.98	35	43	43
HONDURAS	1	1	1	1.00	1.00	1.00	1	1	1
MEXICO	738	885	710	2.99	3.79	3.31	2,204	3,350	2,350
UNITED STATES	22,975	28,640	26,797	2.08	2.04	2.06	47,781	58,306	55,133
TOTAL	32,649	40,826	37,653	1.99	2.09	2.05	65,112	85,287	77,178
SOUTH AMERICA:									
ARGENTINA	4,548	6,428	4,185	1.48	1.71	1.43	6,736	11,000	6,000
BOLIVIA	69	78	78	.83	.90	.90	57	70	70
BRAZIL	2,200	3,624	2,800	.82	.83	.71	1,807	3,000	2,000
CHILE	644	628	510	1.32	1.94	1.69	850	1,219	862
COLOMBIA	45	36	41	1.23	1.36	1.39	55	49	57
ECUADOR	58	52	44	.89	.88	.77	52	46	34
PARAGUAY	31	30	30	.97	.63	1.50	30	19	45
PERU	140	140	140	1.00	1.06	1.07	141	148	150
URUGUAY	341	500	370	1.04	1.01	.95	353	504	350
VENEZUELA	2	2	2	.63	.50	.50	1	1	1
TOTAL	8,077	11,518	8,200	1.25	1.39	1.17	10,082	16,056	9,569
EUROPE:									
BELGIUM-LUXEMBOURG	209	212	209	4.58	4.40	4.56	958	932	952
DENMARK	118	127	116	4.79	4.50	5.17	566	571	600
FRANCE	3,982	4,290	4,129	4.30	3.76	4.25	17,110	16,150	17,046
GERMANY, WEST	1,595	1,632	1,589	4.47	4.11	4.48	7,132	6,702	7,126
IRELAND	64	53	51	4.16	4.00	4.90	266	212	250
ITALY	3,721	3,552	2,830	2.56	2.68	2.35	9,544	9,528	6,650
NETHERLANDS	135	130	126	5.02	5.46	5.24	676	710	660
UNITED KINGDOM	1,127	1,231	1,073	4.47	3.85	4.91	5,043	4,740	5,267
TOTAL EC	10,951	11,227	10,123	3.77	3.52	3.86	41,295	39,545	38,551
AUSTRIA	270	289	290	3.57	4.27	3.80	965	1,234	1,102
FINLAND	195	220	131	2.65	2.97	2.43	517	654	318
GREECE	908	920	913	2.16	2.56	1.86	1,961	2,351	1,700
MALTA-GOZO	1	1	1	2.00	2.00	2.00	2	2	2
NORWAY	8	20	23	3.71	3.25	3.91	30	65	90
PORTUGAL	503	533	279	1.24	1.26	.67	623	671	186
SPAIN	3,232	2,772	2,752	1.41	1.60	1.45	4,564	4,436	3,988
SWEDEN	288	395	376	4.69	4.46	4.15	1,352	1,763	1,562
SWITZERLAND	90	88	90	4.02	4.38	4.00	364	385	360
TOTAL WESTERN EUROPE	16,449	16,465	14,978	3.14	3.10	3.20	51,673	51,106	47,859
ALBANIA	160	180	180	1.41	1.50	1.50	226	270	270
BULGARIA	918	793	795	3.40	3.93	3.90	3,123	3,116	3,100
CZECHOSLOVAKIA	1,199	1,278	1,270	3.64	3.76	3.94	4,360	4,807	5,000
GERMANY, DEMOCRATIC REP	687	762	790	4.07	3.56	3.92	2,797	2,715	3,100
HUNGARY	1,292	1,325	1,311	3.32	3.88	4.05	4,295	5,138	5,312
POLAND	1,987	1,832	1,834	2.82	3.14	3.05	5,605	5,745	5,600
ROMANIA	2,421	2,388	2,269	2.23	2.81	2.86	5,395	6,720	6,500
YUGOSLAVIA	1,801	1,723	1,604	2.87	3.47	3.50	5,177	5,979	5,621
TOTAL EASTERN EUROPE	10,465	10,281	10,053	2.96	3.35	3.43	30,978	34,490	34,503
TOTAL EUROPE	26,913	26,746	25,031	3.07	3.20	3.29	82,651	85,596	82,362
U.S.S.R. (EUROPE AND ASIA)	61,442	59,462	62,000	1.45	1.63	1.45	88,935	96,882	90,000

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WHEAT : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
AFRICA:									
ALGERIA	2,097	2,150	2,150	.60	.93	.70	1,249	2,000	1,500
ANGOLA	13	13	13	1.41	.77	.77	19	10	10
EGYPT	554	586	502	3.28	3.36	3.37	1,820	1,970	1,690
ETHIOPIA	814	575	600	.78	.80	.83	637	460	500
KENYA	104	120	122	1.54	1.50	1.55	159	180	189
LIBYA	104	120	120	.59	.67	.67	62	80	80
MOROCCO	1,918	1,921	1,928	.97	1.11	.79	1,870	2,135	1,525
MOZAMBIQUE	7	6	6	.86	.50	.50	6	3	3
NIGERIA	3	5	5	1.76	1.40	1.60	6	7	8
RHODESIA	26	28	28	3.47	3.04	3.04	90	85	85
SOUTH AFRICA	1,941	1,866	1,705	.89	1.20	1.07	1,735	2,239	1,825
SUDAN	146	200	200	1.23	1.25	1.00	180	250	200
TANZANIA	53	50	50	1.04	1.00	1.00	55	50	50
TUNISIA	1,053	1,050	1,100	.72	.84	.30	753	880	325
ZAMBIA		1	1	1.00	2.00	2.00		2	2
ZAIRE	3	3	3	.93	.67	.67	3	2	2
TOTAL	8,837	8,694	8,533	.98	1.19	.94	8,643	10,353	7,994
ASIA:									
AFGHANISTAN	2,687	3,000	3,000	.95	.98	.88	2,543	2,940	2,640
BANGLADESH	129	146	146	.99	1.87	1.87	128	273	273
BURMA	67	70	70	.72	.93	.93	48	65	65
CHINA,PEOPLES REP	26,700	27,900	27,900	1.33	1.54	1.43	35,600	43,000	40,000
CHINA,REP OF (TAIWAN)	1	- - -	- - -	1.67	- - -	- - -	1	- - -	- - -
CYPRUS	60	65	65	1.18	1.00	1.00	71	65	65
INDIA	18,687	20,454	20,863	1.29	1.41	1.39	24,172	28,846	29,082
IRAN	4,414	5,000	5,000	.91	1.10	1.00	4,037	5,500	5,000
IRAQ	1,412	1,750	1,750	.93	.75	.48	1,318	1,312	845
ISRAEL	108	102	100	2.34	1.99	2.30	252	203	230
JAPAN	106	89	86	2.64	2.49	2.74	280	222	236
JORDAN	228	137	125	.78	.50	.49	179	68	61
KOREA NORTH	160	160	160	.56	.53	.53	89	85	85
KOREA,REP OF	55	37	27	2.38	2.22	1.67	130	82	45
LEBANON	50	60	35	1.05	.67	1.29	53	40	45
NEPAL	255	348	280	.98	1.04	1.29	251	362	360
OUTER MONGOLIA	355	360	360	.81	.79	.79	288	285	285
PAKISTAN	5,935	6,111	6,273	1.23	1.42	1.43	7,328	8,691	8,942
SAUDI,ARABIA	100	100	100	1.60	1.50	1.50	160	150	150
SYRIA	1,387	1,590	1,000	.93	1.13	1.00	1,285	1,790	1,000
TURKEY	8,220	8,600	8,400	1.17	1.51	1.61	9,600	13,000	13,500
YEMEN, SO. (ADEN)	14	14	14	.99	1.00	1.00	14	14	14
TOTAL	71,129	76,093	75,754	1.23	1.41	1.36	87,826	106,993	102,923
OCEANIA:									
AUSTRALIA	8,111	8,943	10,371	1.25	1.32	.89	10,104	11,825	9,200
NEW ZEALAND	90	94	95	3.67	3.93	3.94	329	369	374
TOTAL	8,200	9,037	10,466	1.27	1.35	.91	10,433	12,194	9,574
WORLD TOTAL:	217,247	232,376	227,647	1.63	1.78	1.67	353,682	413,361	379,600

COARSE GRAINS 1/ : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA	9,206	8,369	8,374	2.24	2.54	2.65	20,629	21,251	22,201
COSTA RICA	59	77	60	1.29	1.48	1.52	76	114	91
CUBA	30	30	30	.62	.67	.67	19	20	20
DOMINICAN REPUBLIC	31	31	31	2.12	2.03	2.03	65	63	63
EL SALVADOR	342	355	355	1.51	1.35	1.35	515	480	480
GUATEMALA	886	713	772	.89	1.25	1.21	787	892	934
HAITI	322	320	320	.68	.56	.78	219	180	250
HONDURAS	367	415	483	1.02	.87	.91	374	361	439
JAMAICA AND DEP	9	13	13	.84	.77	.77	7	10	10
MEXICO	9,160	9,439	9,535	1.27	1.41	1.43	11,603	13,340	13,615
NICARAGUA	277	185	185	.96	1.07	1.07	266	198	198
PANAMA	69	66	80	.80	.97	.96	56	64	77
TRINIDAD-TOBAGO	2	3	3	1.80	1.67	1.67	4	5	5
UNITED STATES	41,401	43,280	43,443	4.32	4.45	4.65	178,781	192,696	201,864
TOTAL	62,161	63,286	63,684	3.43	3.63	3.77	213,400	229,644	240,247
SOUTH AMERICA:									
ARGENTINA	6,647	6,367	6,900	2.10	2.66	2.34	13,950	16,960	16,150
BOLIVIA	326	342	342	1.10	1.13	1.13	357	385	385
BRAZIL	11,023	12,123	11,313	1.49	1.60	1.64	16,401	19,426	18,603
CHILE	255	265	251	2.18	2.41	2.41	555	638	604
COLOMBIA	826	833	932	1.38	1.34	1.63	1,136	1,119	1,521
ECUADOR	198	177	196	.94	.88	.79	186	155	154
GUYANA	1	4	5	1.80	2.25	2.20	2	9	11
PARAGUAY	194	225	225	1.45	1.33	1.33	252	300	300
PERU	577	620	636	1.39	1.42	1.46	803	883	928
URUGUAY	367	378	378	1.12	.91	1.43	413	343	541
VENEZUELA	502	603	703	1.18	1.28	1.64	594	770	1,150
TOTAL	20,917	21,937	21,881	1.66	1.87	1.84	34,678	40,987	40,347
EUROPE:									
BELGIUM-LUXEMBOURG	276	249	272	3.95	3.61	4.19	1,093	899	1,141
DENMARK	1,637	1,640	1,679	3.85	3.18	3.93	6,298	5,272	6,600
FRANCE	5,712	5,129	5,883	3.90	3.16	3.87	22,293	16,183	21,579
GERMANY,WEST	3,691	3,643	3,635	3.83	3.41	3.98	14,123	12,432	14,470
IRELAND	294	288	300	3.93	3.75	4.85	1,155	1,080	1,465
ITALY	1,381	1,421	1,513	4.30	4.64	4.90	5,943	6,589	7,416
NETHERLANDS	160	110	110	4.02	3.98	4.20	644	438	462
UNITED KINGDOM	2,628	2,454	2,641	3.88	3.47	4.46	10,177	8,522	11,783
TOTAL EC	15,778	14,954	15,733	3.91	3.44	4.13	61,726	51,415	64,916
AUSTRIA	710	737	726	3.82	4.13	4.16	2,711	3,044	3,022
FINLAND	1,065	1,143	1,119	2.37	2.93	2.38	2,527	3,353	2,666
GREECE	645	603	588	2.45	2.68	2.24	1,582	1,619	1,318
MALTA-GOZO	2	2	2	1.20	1.50	1.50	2	3	3
NORWAY	274	277	279	3.15	2.82	3.49	863	780	975
PORTUGAL	874	895	764	.94	.83	.83	823	746	633
SPAIN	4,058	4,398	4,290	1.98	1.80	2.13	8,038	7,895	9,134
SWEDEN	1,242	1,189	1,230	3.29	3.08	3.38	4,083	3,668	4,160
SWITZERLAND	89	87	93	4.61	4.75	4.63	412	413	431
TOTAL WESTERN EUROPE	24,737	24,285	24,824	3.35	3.00	3.52	82,768	72,935	87,258
ALBANIA	210	212	212	1.42	1.35	1.35	299	287	287
BULGARIA	1,181	1,326	1,326	3.45	3.69	3.68	4,073	4,897	4,881
CZECHOSLOVAKIA	1,540	1,445	1,463	3.24	3.01	3.69	4,989	4,355	5,400
GERMANY,DEMOCRATIC REP	1,710	1,780	1,727	3.44	3.08	3.42	5,882	5,486	5,902
HUNGARY	1,845	1,702	1,687	3.77	3.63	4.28	6,963	6,178	7,212
POLAND	6,244	5,936	6,162	2.45	2.55	2.21	15,328	15,119	13,638
ROMANIA	3,622	3,898	4,040	2.58	3.31	2.81	9,362	12,915	11,345
YUGOSLAVIA	3,044	2,980	2,937	3.05	3.42	3.85	9,283	10,200	11,320
TOTAL EASTERN EUROPE	19,397	19,279	19,554	2.90	3.08	3.07	56,178	59,440	59,985
TOTAL EUROPE	44,134	43,564	44,378	3.15	3.04	3.32	138,946	132,375	147,243
U.S.S.R.(EUROPE AND ASIA)	54,527	60,832	60,000	1.51	1.89	1.50	82,331	114,977	90,000

- Continued -

COARSE GRAINS : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
AFRICA:									
ALGERIA	715	655	655	.60	.70	.70	430	461	461
ANGOLA	702	675	675	.74	.70	.70	519	475	475
BENIN (DAHOMEY)	425	424	454	.57	.62	.63	242	262	287
BURUNDI	321	287	287	1.00	1.09	1.09	322	312	312
CAMEROON	819	850	850	.86	.82	.82	707	695	695
EGYPT	935	910	956	3.72	3.99	3.95	3,476	3,633	3,772
ETHIOPIA	3,740	4,185	4,185	.89	.89	.89	3,314	3,730	3,730
GHANA	786	729	794	.86	.62	.62	674	452	491
GUINEA	236	250	250	.33	.32	.32	77	80	80
IVORY COAST	408	444	444	.68	.69	.69	277	306	306
KENYA	1,573	1,450	1,450	1.25	1.39	1.39	1,960	2,018	2,018
LIBYA	140	160	160	.60	.63	.63	84	100	100
MALAGASY REPUBLIC	110	120	120	1.03	1.00	1.00	113	120	120
MALAWI	1,000	1,000	1,000	1.09	1.10	1.20	1,094	1,100	1,200
MALI	1,172	1,290	1,290	.58	.57	.57	674	735	735
MOROCCO	2,222	2,630	2,809	.98	1.26	.46	2,172	3,308	1,291
MOZAMBIQUE	1,053	770	770	.61	.77	.62	638	590	480
NIGER	1,786	1,890	1,890	.42	.44	.44	756	830	830
NIGERIA	11,843	12,680	12,815	.62	.63	.64	7,292	8,020	8,200
RHODESIA	907	865	865	1.83	1.87	1.76	1,659	1,620	1,520
RWANDA	276	283	283	1.02	1.01	1.01	280	286	286
SENEGAL	1,035	1,063	1,067	.56	.56	.65	580	599	697
SIERRA LEONE	8	6	6	1.12	1.17	1.17	9	7	7
SOUTH AFRICA	5,375	5,540	5,553	1.64	1.83	1.80	8,794	10,118	9,998
SUDAN	3,043	3,200	3,200	.68	.84	.84	2,059	2,700	2,700
TANZANIA	2,485	2,630	2,630	.84	.86	.86	2,078	2,260	2,260
TOGO	162	155	155	.81	.87	.87	131	135	135
TUNISIA	376	350	300	.66	.77	.33	249	270	100
UGANDA	1,150	1,170	1,170	1.08	1.03	1.03	1,241	1,200	1,200
UPPER VOLTA	1,823	1,900	1,900	.46	.45	.48	837	855	905
ZAMBIA	555	505	505	1.72	2.19	1.94	953	1,105	980
ZAIRE	415	450	450	1.02	1.07	1.08	424	480	485
TOTAL	47,596	49,516	49,938	.93	.99	.94	44,118	48,862	46,856
ASIA:									
AFGHANISTAN	791	810	810	1.33	1.33	1.33	1,049	1,075	1,075
BANGLADESH	96	196	196	.38	.32	.32	37	62	62
BURMA	260	275	100	.46	.49	.85	119	135	85
CAMBODIA	84	100	100	1.22	1.20	1.20	103	120	120
CHINA,PEOPLES REP	49,714	50,730	50,730	1.17	1.22	1.22	58,404	62,000	62,000
CHINA,REP OF (TAIWAN)	38	45	47	2.55	2.67	2.89	96	120	136
CYPRUS	64	75	75	1.23	.93	.93	79	70	70
INDIA	43,746	42,327	41,718	.61	.69	.65	26,539	29,389	27,046
INDONESIA	2,656	2,095	2,000	1.01	1.23	1.15	2,690	2,572	2,300
IRAN	1,426	1,395	1,450	.64	.86	.80	919	1,200	1,165
IRAQ	553	686	686	1.07	.96	.97	594	661	668
ISRAEL	34	38	39	2.00	1.82	1.82	67	69	71
JAPAN	137	96	91	2.72	2.57	2.59	374	247	236
JORDAN	68	55	46	.55	.25	.28	38	14	13
KOREA NORTH	886	950	950	2.32	2.74	2.53	2,056	2,600	2,400
KOREA,REP OF	764	771	576	2.13	2.42	1.60	1,630	1,869	924
LEBANON	10	11	11	1.13	1.36	1.36	11	15	15
MALAYSIA (PENINSULAR)	4	12	13	2.25	2.25	2.23	9	27	29
NEPAL	585	600	582	1.59	1.58	1.63	933	946	946
PAKISTAN	1,956	1,900	1,943	.76	.78	.83	1,477	1,482	1,616
PHILIPPINES	2,768	3,321	3,500	.83	.86	.87	2,294	2,843	3,060
SAUDI,ARABIA	76	76	76	1.14	1.14	1.14	87	87	87
SRI LANKA (CEYLON)	21	20	20	.98	1.00	1.00	20	20	20
SYRIA	766	1,234	375	.61	.92	.69	470	1,140	260
THAILAND	1,229	1,629	1,653	2.03	1.84	1.24	2,494	3,000	2,050
TURKEY	4,336	4,218	4,233	1.45	1.81	1.79	6,298	7,617	7,560
VIETNAM, SOC. REP.	14	30	30	1.21	1.17	1.17	17	35	35
VIETNAM, SO.	21	- - -	- - -	1.20	- - -	- - -	25	- - -	- - -
YEMEN, SO. (ADEN)	370	370	370	1.49	1.49	1.49	550	550	550
TOTAL	113,473	114,065	112,420	.96	1.05	1.02	109,476	119,965	114,599
OCEANIA:									
AUSTRALIA	3,896	3,938	4,747	1.25	1.28	.91	4,855	5,028	4,303
NEW ZEALAND	129	129	125	4.07	4.98	5.03	525	643	629
TOTAL	4,025	4,067	4,872	1.34	1.39	1.01	5,380	5,671	4,932
WORLD TOTAL	346,832	357,267	357,151	1.81	1.94	1.92	628,331	692,501	684,083

1/ Includes rye, barley, oats, corn, grain sorghum, millet and mixed grains.

CORN : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA	573	7[illegible]9	730	5.06	5.32	6.00	2,900	3,770	4,383
COSTA RICA	52	60	43	1.21	1.40	1.42	63	84	61
CUBA	30	30	30	.62	.67	.67	19	20	20
DOMINICAN REPUBLIC	26	24	24	1.84	1.58	1.58	48	38	38
EL SALVADOR	215	230	230	1.69	1.49	1.49	362	342	342
GUATEMALA	827	675	733	.89	1.25	1.20	738	842	880
HAITI	322	320	320	.68	.56	.78	219	180	250
HONDURAS	310	330	412	1.07	.92	.92	332	304	377
JAMAICA AND DEP	9	13	13	.84	.77	.77	7	10	10
MEXICO	7,800	7,870	7,920	1.11	1.22	1.22	8,656	9,600	9,700
NICARAGUA	231	151	151	.92	.99	.99	213	149	149
PANAMA	69	66	80	.80	.97	.96	56	64	77
TRINIDAD-TOBAGO	2	3	3	1.80	1.67	1.67	4	5	5
UNITED STATES	25,596	28,774	28,167	5.44	5.49	5.74	139,115	157,895	161,730
TOTAL	36,060	39,255	38,856	4.24	4.41	4.58	152,732	173,303	178,022
SOUTH AMERICA:									
ARGENTINA	3,207	2,683	2,900	2.39	3.28	2.69	7,663	8,800	7,800
BOLIVIA	221	230	230	1.29	1.33	1.33	284	305	305
BRAZIL	10,742	11,800	11,000	1.48	1.59	1.64	15,905	18,800	18,000
CHILE	93	115	93	3.27	3.06	3.53	304	355	328
COLOMBIA	627	631	679	1.17	1.21	1.40	732	766	950
ECUADOR	126	110	130	.98	.87	.86	123	96	112
GUYANA	1	4	5	1.80	2.25	2.20	2	9	11
PARAGUAY	194	225	225	1.45	1.33	1.33	282	300	300
PERU	365	400	410	1.67	1.68	1.71	609	670	700
URUGUAY	187	170	170	1.03	.71	1.29	192	120	220
VENEZUELA	485	489	534	1.18	1.09	1.50	570	532	800
TOTAL	16,247	16,858	16,376	1.64	1.82	1.80	26,666	30,753	29,526
EUROPE:									
BELGIUM-LUXEMBOURG	5	6	5	5.57	5.00	5.60	26	30	28
FRANCE	1,876	1,350	1,668	4.75	4.07	4.88	8,916	5,500	8,140
GERMANY,WEST	109	103	100	5.12	4.66	5.50	557	480	550
ITALY	901	890	980	5.49	6.00	6.43	4,943	5,337	6,300
NETHERLANDS	2	1	1	4.90	5.00	5.00	10	5	5
UNITED KINGDOM	1	1	1	3.67	2.00	3.00	4	2	3
TOTAL EC	2,894	2,351	2,755	5.00	4.83	5.45	14,456	11,354	15,026
AUSTRIA	140	160	165	6.09	5.85	6.30	850	936	1,040
GREECE	154	132	130	3.74	4.17	4.00	577	551	520
PORTUGAL	378	354	355	1.32	1.02	1.35	498	360	480
SPAIN	516	442	446	3.80	3.50	3.89	1,961	1,545	1,737
SWITZERLAND	19	18	20	6.14	6.39	6.20	114	115	124
TOTAL WESTERN EUROPE	4,100	3,457	3,871	4.50	4.30	4.89	18,456	14,861	18,927
ALBANIA	164	165	165	1.58	1.52	1.52	259	250	250
BULGARIA	629	738	730	3.98	4.11	4.11	2,505	3,034	3,000
CZECHOSLOVAKIA	157	204	203	4.08	2.52	4.93	640	514	1,000
GERMANY,DEMOCRATIC REP	4	1	1	3.00	2.00	2.00	11	2	2
HUNGARY	1,410	1,341	1,340	4.19	3.87	4.70	5,906	5,189	6,300
POLAND	7	52	90	4.06	4.44	3.33	27	231	300
ROMANIA	3,111	3,378	3,500	2.68	3.43	2.74	8,349	11,583	9,600
YUGOSLAVIA	2,360	2,372	2,285	3.48	3.84	4.46	8,209	9,112	10,200
TOTAL EASTERN EUROPE	7,841	8,251	8,314	3.30	3.63	3.69	25,907	29,915	30,652
TOTAL EUROPE	11,941	11,708	12,185	3.72	3.82	4.07	44,363	44,776	49,579
U.S.S.R.(EUROPE AND ASIA)	3,596	3,303	3,000	2.84	3.07	3.00	10,215	10,136	9,000

- Continued -

CORN : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
AFRICA:									
ALGERIA	5	5	5	.92	.80	.80	5	4	4
ANGOLA	594	600	600	.79	.75	.75	469	450	450
BENIN (DAHOMEY)	324	310	310	.58	.65	.65	187	200	200
BURUNDI	205	175	175	1.01	1.00	1.00	207	175	175
CAMEROON	330	340	340	1.13	1.03	1.03	371	350	350
EGYPT	692	660	750	3.66	4.11	3.75	2,536	2,710	2,815
ETHIOPIA	741	900	900	1.12	1.11	1.11	833	1,000	1,000
GHANA	382	305	350	1.07	.98	.86	410	300	300
IVORY COAST	347	380	380	.71	.71	.71	246	270	270
KENYA	1,221	1,100	1,100	1.33	1.54	1.54	1,620	1,698	1,698
MALAGASY REPUBLIC	110	120	120	1.03	1.00	1.00	113	120	120
MALAWI	1,000	1,000	1,000	1.09	1.10	1.20	1,094	1,100	1,200
MALI	92	90	90	.70	.67	.67	64	60	60
MOROCCO	463	433	424	.75	1.14	.59	347	492	250
MOZAMBIQUE	648	680	680	.65	.82	.66	424	560	450
NIGERIA	1,506	1,725	1,800	.82	.83	.86	1,230	1,440	1,550
RHODESIA	469	475	475	2.99	2.95	2.74	1,405	1,400	1,300
SENEGAL	54	63	67	.70	.71	.70	38	45	47
SOUTH AFRICA	4,338	4,453	4,550	1.90	2.15	2.09	8,240	9,592	9,500
TANZANIA	1,210	1,300	1,300	.65	.69	.69	787	900	900
UGANDA	292	290	290	1.17	1.21	1.21	343	350	350
ZAMBIA	229	175	175	2.22	3.86	3.14	508	675	550
ZAIRE	342	370	370	1.06	1.11	1.12	364	410	415
TOTAL	15,593	15,949	16,251	1.40	1.52	1.47	21,839	24,301	23,954
ASIA:									
AFGHANISTAN	460	460	460	1.50	1.52	1.52	690	700	700
BURMA	90	100	100	.78	.85	.85	71	85	85
CAMBODIA	84	100	100	1.22	1.20	1.20	103	120	120
CHINA,PEOPLES REP	13,688	14,500	14,500	2.09	2.17	2.17	28,588	31,400	31,400
CHINA,REP OF (TAIWAN)	33	41	43	2.72	2.78	3.02	89	114	130
INDIA	5,883	6,054	6,000	1.02	1.03	.99	6,022	6,257	5,950
INDONESIA	2,656	2,095	2,000	1.01	1.23	1.15	2,690	2,572	2,300
IRAN	25	35	40	1.52	1.14	1.38	38	40	55
IRAQ	10	20	20	1.63	2.20	2.60	17	44	52
ISRAEL	2	5	5	4.92	2.80	2.80	12	14	14
JAPAN	7	4	3	2.73	2.75	2.67	20	11	8
JORDAN		1	1	1.00	1.00	1.00		1	1
KOREA NORTH	886	950	950	2.32	2.74	2.53	2,056	2,600	2,400
KOREA,REP OF	36	35	35	1.65	2.40	2.40	59	84	84
LEBANON	1	2	2	1.14	1.00	1.00	2	2	2
MALAYSIA (PENINSULAR)	4	12	13	2.25	2.25	2.23	9	27	29
NEPAL	440	452	440	1.77	1.74	1.82	779	787	800
PAKISTAN	629	601	587	1.19	1.27	1.45	747	764	850
PHILIPPINES	2,768	3,321	3,500	.83	.86	.87	2,294	2,843	3,060
SYRIA	6	27	40	1.59	1.85	2.00	9	50	80
THAILAND	1,096	1,400	1,463	2.09	1.96	1.26	2,293	2,750	1,850
TURKEY	619	600	600	1.81	2.18	1.83	1,121	1,310	1,100
VIETNAM, SOC. REP.	14	30	30	1.21	1.17	1.17	17	35	35
VIETNAM, SO.	21	- - -	- - -	1.20	- - -	- - -	25	- - -	- - -
TOTAL	29,460	30,845	30,932	1.62	1.71	1.65	47,750	52,610	51,105
OCEANIA:									
AUSTRALIA	56	58	53	2.58	2.50	2.57	145	145	136
NEW ZEALAND	21	34	35	7.70	7.53	7.60	160	256	266
TOTAL	77	92	88	3.96	4.36	4.57	305	401	402
WORLD TOTAL:	112,974	118,006	117,683	2.69	2.85	2.90	303,869	336,271	341,577

BARLEY: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA AVE.1971-75	AREA 1976	AREA 1977	YIELD AVE.1971-75	YIELD 1976	YIELD 1977	PRODUCTION AVE.1971-75	PRODUCTION 1976	PRODUCTION 1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA	4,960	4,354	4,646	2.13	2.41	2.48	10,586	10,513	11,516
MEXICO	222	329	335	1.25	1.46	1.48	276	480	495
UNITED STATES	3,770	3,359	3,845	2.28	2.41	2.35	8,609	8,099	9,057
TOTAL	8,952	8,042	8,826	2.18	2.37	2.39	19,471	19,092	21,068
SOUTH AMERICA:									
ARGENTINA	478	476	500	1.31	1.60	1.40	626	760	700
BOLIVIA	105	112	112	.69	.71	.71	73	80	80
BRAZIL	27	83	94	.98	1.20	1.38	26	100	130
CHILE	67	63	67	1.81	2.27	2.01	121	143	135
COLOMBIA	63	57	66	1.43	1.11	1.70	91	63	112
ECUADOR	68	65	62	.88	.88	.56	60	57	35
PERU	185	185	188	.89	.89	.90	164	165	170
URUGUAY	37	44	44	.84	.91	.91	31	40	40
TOTAL	1,029	1,085	1,133	1.16	1.30	1.24	1,191	1,408	1,402
EUROPE:									
BELGIUM-LUXEMBOURG	162	156	176	4.13	4.11	4.58	668	641	806
DENMARK	1,425	1,478	1,491	3.88	3.23	3.97	5,532	4,768	5,920
FRANCE	2,722	2,752	2,899	3.64	3.02	3.56	9,916	8,319	10,319
GERMANY,WEST	1,629	1,735	1,791	3.98	3.74	4.21	6,482	6,487	7,549
IRELAND	243	246	268	4.04	3.78	4.94	981	930	1,325
ITALY	209	275	290	2.32	2.76	2.41	486	760	700
NETHERLANDS	85	62	66	4.10	4.24	4.35	350	263	287
UNITED KINGDOM	2,281	2,182	2,411	3.90	3.51	4.51	8,891	7,648	10,870
TOTAL EC	8,756	8,886	9,392	3.80	3.36	4.02	33,306	29,816	37,776
AUSTRIA	309	325	320	3.45	3.96	3.70	1,065	1,287	1,184
FINLAND	448	507	583	2.41	3.06	2.49	1,078	1,553	1,454
GREECE	405	398	389	2.18	2.40	1.83	884	955	710
MALTA-GOZO	2	2	2	1.20	1.50	1.50	2	3	3
NORWAY	176	173	173	3.08	2.81	3.39	544	486	586
PORTUGAL	95	114	52	.76	.91	.40	73	104	21
SPAIN	2,776	3,240	3,158	1.85	1.69	2.07	5,135	5,473	6,552
SWEDEN	597	554	604	3.34	3.29	3.53	1,996	1,825	2,134
SWITZERLAND	43	43	45	4.15	4.33	4.20	177	186	189
TOTAL WESTERN EUROPE	13,607	14,242	14,718	3.25	2.93	3.44	44,260	41,688	50,609
ALBANIA	10	10	10	1.00	1.00	1.00	10	10	10
BULGARIA	478	524	530	3.09	3.41	3.40	1,476	1,786	1,800
CZECHOSLOVAKIA	885	857	900	3.38	3.39	3.72	2,991	2,901	3,350
GERMANY,DEMOCRATIC REP	735	960	850	4.04	3.60	4.24	2,966	3,456	3,600
HUNGARY	281	229	224	2.88	3.26	3.15	810	747	706
POLAND	1,113	1,210	1,235	2.86	2.99	2.91	3,181	3,617	3,600
ROMANIA	363	410	430	2.33	3.00	3.78	845	1,231	1,626
YUGOSLAVIA	318	293	320	1.97	2.23	2.09	624	653	670
TOTAL EASTERN EUROPE	4,181	4,493	4,499	3.09	3.21	3.41	12,902	14,401	15,362
TOTAL EUROPE	17,788	18,735	19,217	3.21	2.99	3.43	57,162	56,089	65,971
U.S.S.R.(EUROPE AND ASIA)	28,380	34,258	34,400	1.53	2.03	1.60	43,289	69,539	55,000
AFRICA:									
ALGERIA	660	600	600	.59	.70	.70	388	420	420
EGYPT	34	44	- - -	2.91	2.80	- - -	100	123	125
ETHIOPIA	1,771	1,775	1,775	.85	.85	.85	1,513	1,500	1,500
LIBYA	140	160	160	.60	.63	.63	84	100	100
MOROCCO	1,650	2,117	2,310	1.05	1.30	.42	1,729	2,761	981
SOUTH AFRICA	71	112	114	.56	.56	.55	40	63	63
TUNISIA	376	350	300	.66	.77	.33	249	270	100
TOTAL	4,702	5,158	5,259	.87	1.02	.63	4,103	5,237	3,289
ASIA:									
AFGHANISTAN	331	350	350	1.08	1.07	1.07	359	375	375
BANGLADESH	27	26	26	.65	.62	.62	18	16	16
CHINA,PEOPLES REP	6,460	6,500	6,500	1.46	1.52	1.52	9,430	9,900	9,900
CHINA,REP OF (TAIWAN)		- - -	- - -	1.00	- - -	- - -		- - -	- - -
CYPRUS	64	75	75	1.23	.93	.93	79	70	70
INDIA	2,599	2,802	2,218	1.02	1.14	1.04	2,649	3,192	2,296
IRAN	1,400	1,350	1,400	.63	.85	.79	880	1,150	1,100
IRAQ	534	650	650	1.06	.92	.92	569	600	600
ISRAEL	23	26	26	1.04	.77	.77	24	20	20
JAPAN	104	80	78	2.88	2.63	2.64	300	210	206
JORDAN	68	54	45	.55	.24	.27	37	13	12
KOREA,REP OF	694	711	516	2.20	2.47	1.58	1,528	1,759	814
LEBANON	8	9	9	1.12	1.44	1.44	9	13	13
NEPAL	27	25	27	.93	.84	.96	25	21	26
PAKISTAN	172	186	182	.67	.66	.70	116	122	128
SAUDI,ARABIA	26	26	26	1.35	1.35	1.35	35	35	35
SYRIA	730	1,172	300	.60	.90	.50	437	1,060	150
TURKEY	2,572	2,635	2,650	1.45	1.86	1.92	3,725	4,900	5,100
TOTAL	15,840	16,677	15,078	1.28	1.41	1.36	20,220	23,456	20,861
OCEANIA:									
AUSTRALIA	2,145	2,320	2,968	1.20	1.23	.77	2,577	2,850	2,300
NEW ZEALAND	91	76	70	3.42	4.16	4.07	312	316	285
TOTAL	2,236	2,396	3,038	1.29	1.32	.85	2,889	3,166	2,585
WORLD TOTAL	78,929	86,351	86,951	1.88	2.06	1.96	148,325	177,987	170,176

OATS: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA	2,565	2,410	2,132	1.85	2.00	2.02	4,734	4,831	4,303
MEXICO	79	70	90	.74	.86	.78	59	60	70
UNITED STATES	5,566	4,834	5,442	1.81	1.64	2.00	10,087	7,930	10,857
TOTAL	8,210	7,314	7,664	1.81	1.75	1.99	14,880	12,821	15,230
SOUTH AMERICA:									
ARGENTINA	344	383	400	1.37	1.38	1.25	472	530	500
BRAZIL	35	38	32	1.00	1.05	1.09	35	40	35
CHILE	86	75	79	1.38	1.65	1.58	119	124	125
COLOMBIA	1	2	2	2.17	2.50	2.50	3	5	5
ECUADOR	1	1	1	1.00	1.00	1.00	1	1	1
URUGUAY	71	64	64	.79	.52	.95	56	33	61
TOTAL	539	563	578	1.27	1.30	1.26	687	733	727
EUROPE:									
BELGIUM-LUXEMBOURG	80	59	59	3.60	2.46	3.32	288	145	196
DENMARK	142	98	88	3.69	2.61	3.64	524	256	320
FRANCE	722	645	626	3.11	2.17	3.10	2,247	1,402	1,938
GERMANY,WEST	847	855	787	3.75	2.92	3.62	3,179	2,497	2,848
IRELAND	51	42	32	3.41	3.57	4.38	175	150	140
ITALY	248	236	222	1.87	1.86	1.62	463	440	360
NETHERLANDS	35	25	21	4.60	4.12	4.48	160	103	94
UNITED KINGDOM	288	235	194	3.77	3.25	4.05	1,087	764	785
TOTAL EC	2,414	2,195	2,029	3.37	2.62	3.29	8,123	5,757	6,681
AUSTRIA	96	95	90	2.95	2.98	3.20	284	283	288
FINLAND	538	551	465	2.38	2.85	2.28	1,280	1,573	1,061
GREECE	77	67	63	1.45	1.57	1.29	111	105	81
NORWAY	95	102	104	3.28	2.81	3.66	312	287	381
PORTUGAL	184	216	148	.55	.62	.28	102	133	42
SPAIN	465	455	427	1.13	1.11	1.17	523	505	500
SWEDEN	480	450	446	3.21	2.78	3.31	1,543	1,251	1,478
SWITZERLAND	10	12	14	4.31	4.00	4.21	45	48	59
TOTAL WESTERN EUROPE	4,360	4,143	3,786	2.83	2.40	2.79	12,323	9,942	10,571
ALBANIA	25	25	25	.81	.68	.68	20	17	17
BULGARIA	57	50	50	1.24	1.20	1.20	70	60	60
CZECHOSLOVAKIA	278	198	200	2.62	1.91	2.75	729	379	550
GERMANY,DEMOCRATIC REP	236	190	230	3.56	2.66	2.74	841	506	630
HUNGARY	42	39	32	1.84	2.21	2.00	77	86	64
POLAND	1,287	1,115	1,096	2.45	2.42	2.46	3,158	2,695	2,700
ROMANIA	102	67	65	1.03	.72	.89	104	48	58
YUGOSLAVIA	258	232	250	1.23	1.38	1.36	318	320	340
TOTAL EASTERN EUROPE	2,284	1,916	1,948	2.33	2.15	2.27	5,318	4,111	4,419
TOTAL EUROPE	6,644	6,059	5,734	2.66	2.32	2.61	17,641	14,053	14,990
U.S.S.R.(EUROPE AND ASIA)	11,316	11,237	12,800	1.31	1.61	1.25	14,812	18,113	16,000
AFRICA:									
ALGERIA	50	50	50	.74	.74	.74	37	37	37
MOROCCO	32	31	25	.76	1.16	.80	24	36	20
SOUTH AFRICA	582	605	552	.17	.14	.15	99	85	81
TOTAL	664	686	627	.24	.23	.22	160	158	138
ASIA:									
CHINA,PEOPLES REP	1,226	1,230	1,230	1.00	1.06	1.06	1,228	1,300	1,300
JAPAN	21	10	8	2.12	2.20	2.25	45	22	18
TURKEY	284	243	250	1.41	1.65	1.56	399	400	390
TOTAL	1,531	1,483	1,488	1.09	1.16	1.15	1,672	1,722	1,708
OCEANIA:									
AUSTRALIA	1,060	991	1,206	.97	1.08	.78	1,027	1,073	935
NEW ZEALAND	17	19	20	3.13	3.74	3.90	53	71	78
TOTAL	1,077	1,010	1,226	1.00	1.13	.83	1,079	1,144	1,013
WORLD TOTAL!	29,981	28,352	30,117	1.70	1.72	1.65	50,931	48,744	49,806

GRAIN SORGHUM : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
COSTA RICA	7	17	17	1.84	1.76	1.76	14	30	30
DOMINICAN REPUBLIC	5	7	7	3.70	3.57	3.57	17	25	25
EL SALVADOR	127	125	125	1.21	1.10	1.10	153	138	138
GUATEMALA	59	38	39	.83	1.32	1.38	49	50	54
HONDURAS	56	75	71	.74	.63	.87	42	47	62
MEXICO	1,059	1,170	1,190	2.47	2.74	2.82	2,612	3,200	3,350
NICARAGUA	46	34	34	1.15	1.44	1.44	53	49	49
UNITED STATES	6,044	6,030	5,706	3.35	3.05	3.47	20,275	18,391	19,788
TOTAL	7,404	7,496	7,189	3.14	2.93	3.27	23,214	21,930	23,496
SOUTH AMERICA:									
ARGENTINA	1,929	2,230	2,500	2.36	2.78	2.60	4,550	6,200	6,500
BRAZIL	201	188	170	2.09	2.51	2.47	419	472	420
COLOMBIA	134	143	185	2.32	1.99	2.45	311	285	454
ECUADOR	- - -	1	3	- - -	1.00	2.00	- - -	1	6
PERU	7	15	18	3.09	2.67	2.78	22	40	50
URUGUAY	73	100	100	1.85	1.50	2.20	134	150	220
VENEZUELA	17	114	159	1.44	2.09	2.07	24	238	350
TOTAL	2,361	2,791	3,145	2.31	2.65	2.54	5,460	7,386	8,000
EUROPE:									
FRANCE	72	78	98	3.97	3.29	3.57	284	257	350
ITALY	3	4	5	3.53	4.25	4.20	11	17	21
TOTAL EC	75	82	103	3.95	3.34	3.60	295	274	371
SPAIN	40	36	34	4.10	4.39	4.12	163	158	140
TOTAL WESTERN EUROPE	114	118	137	4.00	3.66	3.73	458	432	511
ROMANIA	3	3	5	2.38	2.33	2.40	8	7	12
TOTAL EASTERN EUROPE	3	3	5	2.38	2.33	2.40	8	7	12
TOTAL EUROPE	118	121	142	3.96	3.63	3.68	465	439	523
AFRICA:									
BENIN (DAHOMEY)	78	90	120	.57	.56	.63	44	50	75
BURUNDI	86	80	80	.92	1.18	1.18	79	94	94
EGYPT	208	206	206	4.03	3.88	4.04	840	800	832
ETHIOPIA	943	1,230	1,230	.87	.89	.89	823	1,100	1,100
GHANA	201	210	230	.72	.39	.52	144	81	120
MOROCCO	77	49	50	.94	.39	.80	72	19	40
MOZAMBIQUE	308	- - -	- - -	.56	- - -	- - -	173	- - -	- - -
NIGER	472	490	490	.53	.51	.51	250	250	250
NIGERIA	5,530	5,940	6,000	.61	.62	.63	3,352	3,680	3,750
RHODESIA	56	- - -	- - -	.71	- - -	- - -	40	- - -	- - -
RWANDA	140	140	140	1.00	1.00	1.00	140	140	140
SOUTH AFRICA	288	281	275	1.43	1.33	1.27	411	374	350
SUDAN	1,964	2,000	2,000	.85	1.10	1.10	1,678	2,200	2,200
TANZANIA	115	130	130	1.26	1.23	1.23	145	160	160
UGANDA	306	300	300	1.02	1.00	1.00	313	300	300
UPPER VOLTA	1,062	1,100	1,100	.50	.48	.50	531	525	555
ZAMBIA	327	330	330	1.36	1.30	1.30	445	430	430
TOTAL	12,160	12,576	12,681	.78	.81	.82	9,480	10,203	10,396
ASIA:									
CHINA,PEOPLES REP	28,340	28,500	28,500	.68	.68	.68	19,158	19,400	19,400
INDIA	16,257	15,779	16,000	.54	.66	.61	8,741	10,396	9,750
IRAN	1	10	10	1.00	1.00	1.00	1	10	10
IRAQ	5	4	4	1.04	1.00	1.00	6	4	4
ISRAEL	8	7	8	3.83	5.00	4.63	31	35	37
PAKISTAN	500	465	526	.61	.61	.60	308	285	313
SAUDI,ARABIA	50	50	50	1.04	1.04	1.04	52	52	52
THAILAND	134	229	190	1.50	1.09	1.05	201	250	200
YEMEN, SO. (ADEN)	370	370	370	1.49	1.49	1.49	550	550	550
TOTAL	45,666	45,414	45,658	.64	.68	.66	29,048	30,982	30,316
OCEANIA:									
AUSTRALIA	578	524	475	1.84	1.78	1.89	1,066	932	900
TOTAL	578	524	475	1.84	1.78	1.89	1,066	932	900
WORLD TOTAL	68,287	68,922	69,290	1.01	1.04	1.06	68,733	71,872	73,631

RYE : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, YEAR OF HARVEST, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA	312	251	242	1.45	1.75	1.62	453	440	392
UNITED STATES	427	283	283	1.62	1.35	1.53	694	381	432
TOTAL	739	534	525	1.55	1.54	1.57	1,147	821	824
SOUTH AMERICA:									
ARGENTINA	504	340	300	.85	.97	1.00	428	330	300
BRAZIL	19	14	17	.86	.93	1.06	16	13	18
CHILE	9	11	12	1.20	1.45	1.33	11	16	16
ECUADOR	3	- - -	- - -	.47	- - -	- - -	2	- - -	- - -
TOTAL	535	365	329	.85	.98	1.02	456	359	334
EUROPE:									
BELGIUM-LUXEMBOURG	18	17	20	3.69	2.94	3.50	66	50	70
DENMARK	44	72	88	3.50	2.97	3.64	155	214	320
FRANCE	121	114	124	2.59	2.49	2.79	312	284	346
GERMANY, WEST	756	643	681	3.50	3.17	3.74	2,642	2,100	2,549
ITALY	20	16	16	2.06	2.19	2.19	41	35	35
NETHERLANDS	37	21	21	3.28	3.10	3.52	121	65	74
UNITED KINGDOM	5	8	11	3.19	2.38	3.18	17	19	35
TOTAL EC	1,001	911	961	3.35	3.04	3.57	3,354	2,767	3,429
AUSTRIA	131	120	115	3.08	3.42	3.30	402	410	380
FINLAND	56	65	47	2.10	2.74	1.87	118	178	88
GREECE	5	4	4	1.35	1.50	1.25	7	6	5
NORWAY	2	2	2	4.00	3.50	4.00	6	7	8
PORTUGAL	217	211	209	.70	.70	.43	151	148	90
SPAIN	262	225	225	.98	.95	.91	256	214	205
SWEDEN	96	122	116	3.64	3.50	3.10	351	427	360
SWITZERLAND	10	8	8	4.26	4.50	4.25	43	36	34
TOTAL WESTERN EUROPE	1,780	1,648	1,687	2.63	2.51	2.73	4,688	4,193	4,599
ALBANIA	11	12	12	.89	.83	.83	10	10	10
BULGARIA	17	13	15	1.23	1.23	1.33	21	16	20
CZECHOSLOVAKIA	220	186	160	2.86	3.02	3.13	629	561	500
GERMANY, DEMOCRATIC REP	638	600	620	2.78	2.43	2.58	1,774	1,455	1,600
HUNGARY	113	93	91	1.51	1.68	1.56	170	156	142
POLAND	3,320	2,934	3,115	2.31	2.36	1.77	7,679	6,922	5,500
ROMANIA	43	40	40	1.30	1.23	1.23	56	49	49
YUGOSLAVIA	97	76	75	1.21	1.38	1.33	118	105	100
TOTAL EASTERN EUROPE	4,458	3,954	4,129	2.35	2.35	1.92	10,456	9,274	7,921
TOTAL EUROPE	6,238	5,622	5,816	2.43	2.40	2.15	15,144	13,467	12,520
U.S.S.R. (EUROPE AND ASIA)	8,492	9,035	6,800	1.35	1.55	1.03	11,493	13,991	7,000
AFRICA:									
SOUTH AFRICA	97	89	62	.05	.04	.06	4	4	4
TOTAL	97	89	62	.05	.04	.06	4	4	4
ASIA:									
TURKEY	607	530	520	1.20	1.40	1.33	730	740	690
TOTAL	607	530	520	1.20	1.40	1.33	730	740	690
OCEANIA:									
AUSTRALIA	30	28	22	.49	.54	.55	15	15	12
TOTAL	30	28	22	.49	.54	.55	15	15	12
WORLD TOTAL	16,738	16,203	14,074	1.73	1.81	1.52	28,990	29,397	21,384

MILLET : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA AVE.1971-75	AREA 1976	AREA 1977	YIELD AVE.1971-75	YIELD 1976	YIELD 1977	PRODUCTION AVE.1971-75	PRODUCTION 1976	PRODUCTION 1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
TOTAL	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
SOUTH AMERICA:									
ARGENTINA	185	255	300	1.14	1.33	1.17	211	340	350
PERU	20	20	20	.40	.40	.40	8	8	8
TOTAL	205	275	320	1.07	1.27	1.12	219	348	358
EUROPE:									
FRANCE	1	1	1	1.20	1.00	3.00	1	1	3
TOTAL EC	1	1	1	1.20	1.00	3.00	1	1	3
AUSTRIA	1	- - -	- - -	3.00	- - -	- - -	2	- - -	- - -
GREECE	1	1	1	1.00	1.00	1.00	1	1	1
TOTAL WESTERN EUROPE	3	2	2	1.64	1.00	2.00	5	2	4
BULGARIA	1	1	1	1.00	1.00	1.00	1	1	1
POLAND	57	43	45	.90	.79	.84	51	34	38
TOTAL EASTERN EUROPE	58	44	46	.91	.80	.85	52	35	39
TOTAL EUROPE	60	46	48	.94	.80	.90	57	37	43
U.S.S.R.(EUROPE AND ASIA)	2,743	2,999	3,000	.92	1.07	1.00	2,523	3,198	3,000
AFRICA:									
ANGOLA	108	75	75	.47	.33	.33	50	25	25
BENIN (DAHOMEY)	24	24	24	.45	.50	.50	11	12	12
BURUNDI	30	32	32	1.19	1.34	1.34	36	43	43
CAMEROON	489	510	510	.69	.68	.68	335	345	345
ETHIOPIA	285	280	280	.51	.46	.46	144	130	130
GHANA	203	214	214	.60	.33	.33	121	71	71
GUINEA	236	250	250	.33	.32	.32	77	80	80
IVORY COAST	60	64	64	.53	.56	.56	32	36	36
KENYA	352	350	350	.97	.91	.91	340	320	320
MALI	1,080	1,200	1,200	.56	.56	.56	610	675	675
MOZAMBIQUE	97	90	90	.43	.33	.33	41	30	30
NIGER	1,314	1,400	1,400	.39	.41	.41	506	580	580
NIGERIA	4,807	5,015	5,015	.56	.58	.58	2,710	2,900	2,900
RHODESIA	382	390	390	.56	.56	.56	214	220	220
RWANDA	136	143	143	1.03	1.02	1.02	140	146	146
SENEGAL	982	1,000	1,000	.55	.55	.65	543	554	650
SIERRA LEONE	8	6	6	1.12	1.17	1.17	9	7	7
SUDAN	1,078	1,200	1,200	.35	.42	.42	381	500	500
TANZANIA	1,160	1,200	1,200	.99	1.00	1.00	1,147	1,200	1,200
TOGO	162	155	155	.81	.87	.87	131	135	135
UGANDA	552	580	580	1.06	.95	.95	586	550	550
UPPER VOLTA	762	800	800	.40	.41	.44	306	330	350
ZAIRE	73	80	80	.83	.88	.88	60	70	70
TOTAL	14,380	15,058	15,058	.59	.59	.60	8,532	8,959	9,075
ASIA:									
BANGLADESH	69	170	170	.27	.27	.27	19	46	46
BURMA	170	175	175	.29	.29	.29	48	50	50
CHINA,REP OF (TAIWAN)	4	4	4	1.41	1.50	1.50	6	6	6
INDIA	19,007	17,692	17,500	.48	.54	.52	9,127	9,544	9,050
IRAQ	3	12	12	.93	1.08	1.00	3	13	12
JAPAN	5	2	2	1.84	2.00	2.00	9	4	4
KOREA,REP OF	35	25	25	1.21	1.04	1.04	42	26	26
NEPAL	118	123	115	1.10	1.12	1.04	129	138	120
PAKISTAN	655	648	648	.47	.48	.50	306	311	325
SRI LANKA (CEYLON)	21	20	20	.98	1.00	1.00	20	20	20
SYRIA	30	35	35	.79	.86	.86	23	30	30
TURKEY	34	24	23	1.31	1.42	.87	45	34	20
TOTAL	20,150	18,930	18,554	.49	.54	.52	9,779	10,222	9,669
OCEANIA:									
AUSTRALIA	27	17	23	.97	.76	.87	26	13	20
TOTAL	27	17	23	.97	.76	.87	26	13	20
WORLD TOTAL:	37,565	37,325	37,178	.56	.61	.60	21,135	22,777	22,215

MIXED GRAINS : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
CANADA	795	645	624	2.46	2.63	2.58	1,955	1,697	1,607
TOTAL	795	645	624	2.46	2.63	2.58	1,955	1,697	1,607
SOUTH AMERICA:									
TOTAL	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
EUROPE:									
BELGIUM-LUXEMBOURG	12	11	12	3.67	3.00	3.42	45	33	41
DENMARK	26	12	12	3.36	2.83	3.33	87	34	40
FRANCE	198	189	167	3.11	2.22	2.89	616	420	483
GERMANY,WEST	350	287	276	3.61	3.02	3.53	1,263	868	974
NETHERLANDS	1	1	1	2.83	2.00	2.00	3	2	2
UNITED KINGDOM	50	28	24	3.57	3.18	3.75	177	89	90
TOTAL EC	637	528	492	3.44	2.74	3.31	2,191	1,446	1,630
AUSTRIA	34	37	36	3.13	3.46	3.61	107	128	130
FINLAND	23	20	24	2.22	2.45	2.63	51	49	63
GREECE	3	1	1	.79	1.00	1.00	2	1	1
NORWAY		- - -	- - -	1.50	- - -	- - -	1	- - -	- - -
SWEDEN	68	63	64	2.84	2.62	2.94	194	165	188
SWITZERLAND	8	6	6	4.31	4.67	4.17	34	28	25
TOTAL WESTERN EUROPE	774	655	623	3.33	2.77	3.27	2,579	1,817	2,037
GERMANY,DEMOCRATIC REP	98	29	26	2.98	2.31	2.69	290	67	70
POLAND	462	582	580	2.67	2.78	2.59	1,232	1,620	1,500
YUGOSLAVIA	11	7	7	1.19	1.43	1.43	14	10	10
TOTAL EASTERN EUROPE	571	618	613	2.69	2.75	2.58	1,536	1,697	1,580
TOTAL EUROPE	1,345	1,273	1,236	3.06	2.76	2.93	4,115	3,514	3,617
AFRICA:									
TOTAL	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
ASIA:									
TURKEY	219	186	190	1.27	1.25	1.32	277	233	250
TOTAL	219	186	190	1.27	1.25	1.32	277	233	250
OCEANIA:									
TOTAL	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
WORLD TOTAL	2,358	2,104	2,050	2.69	2.59	2.67	6,348	5,444	5,474

RICE (ROUGH) : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
NORTH AMERICA:									
COSTA RICA	56	63	55	2.04	2.37	2.36	114	149	130
CUBA	194	220	220	2.31	2.45	2.45	449	538	538
DOMINICAN REPUBLIC	68	66	67	3.22	4.16	4.21	219	274	282
EL SALVADOR	13	14	14	3.73	2.53	3.63	48	35	51
GUATEMALA	22	18	17	2.78	2.44	2.35	62	44	40
HAITI	76	76	76	1.10	.85	1.11	83	65	85
HONDURAS	13	16	24	1.75	1.59	1.26	23	25	30
JAMAICA AND DEP	2	4	4	.82	.75	1.25	2	3	5
MEXICO	175	155	190	2.78	3.19	3.16	486	495	600
NICARAGUA	30	27	35	2.98	2.41	2.72	89	65	95
PANAMA	107	97	115	1.47	1.49	1.61	157	145	185
TRINIDAD-TOBAGO	6	9	7	2.08	2.36	2.81	13	21	20
UNITED STATES	902	1,012	891	5.07	5.24	5.04	4,575	5,307	4,495
TOTAL	1,664	1,777	1,715	3.80	4.03	3.82	6,319	7,167	6,555
SOUTH AMERICA:									
ARGENTINA	84	91	95	3.65	3.52	3.48	306	320	331
BOLIVIA	50	65	55	1.54	1.38	1.38	77	90	90
BRAZIL	5,066	5,400	5,200	1.37	1.48	1.50	6,950	8,000	7,800
CHILE	22	36	33	3.10	3.33	3.26	68	120	108
COLOMBIA	309	366	341	4.06	4.23	3.79	1,255	1,549	1,291
ECUADOR	94	125	98	2.41	2.32	1.96	227	290	192
GUYANA	102	97	136	1.99	1.62	2.45	202	158	333
PARAGUAY	21	25	25	2.14	2.22	2.22	44	55	55
PERU	124	129	125	4.04	4.49	4.54	501	579	567
SURINAM	43	48	48	3.57	3.57	3.64	152	171	175
URUGUAY	42	56	56	3.98	4.15	4.48	166	232	251
VENEZUELA	104	93	152	2.37	2.98	3.29	248	277	500
TOTAL	6,060	6,531	6,374	1.68	1.81	1.83	10,196	11,842	11,692
EUROPE:									
FRANCE	16	9	11	3.37	3.43	2.81	55	31	31
ITALY	182	182	187	5.21	4.98	4.62	949	907	864
TOTAL EC	198	191	198	5.06	4.91	4.52	1,003	938	895
GREECE	17	19	18	5.13	4.43	4.76	89	84	86
PORTUGAL	37	22	34	4.04	4.06	3.85	151	89	131
SPAIN	61	64	64	6.05	6.34	6.11	368	406	391
TOTAL WESTERN EUROPE	314	296	314	5.13	5.13	4.79	1,611	1,517	1,503
BULGARIA	16	16	16	4.03	4.36	4.36	64	70	70
HUNGARY	27	27	27	2.36	1.19	1.89	64	32	51
ROMANIA	25	17	17	2.29	3.35	3.18	56	57	54
YUGOSLAVIA	8	8	8	4.32	4.75	4.75	33	38	38
TOTAL EASTERN EUROPE	75	68	68	2.88	2.89	3.13	217	197	213
TOTAL EUROPE	389	364	382	4.70	4.71	4.49	1,828	1,714	1,716
U.S.S.R. (EUROPE AND ASIA)	454	524	524	3.86	3.82	4.01	1,753	2,000	2,100

- Continued -

RICE (ROUGH) : AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1971-75, ANNUAL 1976 AND 1977

CONTINENT AND COUNTRY	AREA			YIELD			PRODUCTION		
	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977	AVE.1971-75	1976	1977
	THOUSAND HA	THOUSAND HA	THOUSAND HA	MET TONS PER HECT	MET TONS PER HECT	MET TONS PER HECT	THOUSAND MT	THOUSAND MT	THOUSAND MT
AFRICA:									
ALGERIA	2	2	2	2.86	2.86	2.86	6	6	6
ANGOLA	21	20	20	1.22	1.23	1.23	25	25	25
CHAD	53	52	52	.62	.58	.59	33	30	31
EGYPT	460	453	484	5.27	5.08	5.21	2,426	2,300	2,519
GAMBIA	30	32	32	1.77	1.88	1.88	54	60	60
GHANA	68	81	80	1.05	.80	.75	72	64	60
GUINEA	516	710	710	.74	.56	.56	384	400	400
GUINEA-BISSAU	34	38	38	.95	.85	.93	33	32	35
IVORY COAST	325	450	425	1.18	.95	.95	384	427	403
LIBERIA	200	220	220	.96	1.04	1.04	193	229	229
MALAGASY REPUBLIC	1,012	1,050	1,050	1.82	1.67	1.79	1,837	1,750	1,875
MALI	150	140	140	.80	.93	.93	120	130	130
MORDCCO	4	5	6	5.08	5.45	6.06	20	27	36
MOZAMBIQUE	73	65	65	1.47	1.05	1.07	107	68	70
NIGERIA	281	310	325	1.83	1.96	2.03	513	609	660
SENEGAL	79	120	120	1.23	1.44	1.00	98	173	120
SIERRA LEONE	338	347	347	1.46	1.52	1.53	493	528	530
TANZANIA	144	213	213	1.75	1.88	1.88	253	400	400
UPPER VOLTA	39	42	42	.90	.95	.95	35	40	40
ZAIRE	291	365	370	.77	.80	.79	225	291	292
TOTAL	4,121	4,715	4,741	1.77	1.61	1.67	7,309	7,590	7,922
ASIA:									
AFGHANISTAN	206	210	210	1.92	2.18	2.19	396	457	460
BANGLADESH	9,771	10,074	10,250	1.72	1.76	1.83	16,810	17,715	18,769
BURMA	4,835	4,984	5,027	1.73	1.87	1.90	8,384	9,312	9,328
CAMBODIA	1,102	1,400	1,400	1.32	1.29	1.14	1,451	1,800	1,600
CHINA,PEOPLES REP	34,300	35,900	36,000	3.52	3.50	3.54	120,800	125,500	127,500
CHINA,REP OF (TAIWAN)	761	786	790	4.20	4.53	4.48	3,199	3,560	3,542
HONG KONG	4	5	5	2.44	2.06	2.06	9	10	10
INDIA	38,019	38,606	39,800	1.70	1.66	1.87	64,469	64,245	74,324
INDONESIA	8,326	8,369	8,200	2.54	2.78	2.73	21,169	23,301	22,353
IRAN	300	320	325	3.53	3.99	3.23	1,058	1,276	1,051
IRAQ	66	54	54	2.60	3.04	3.15	172	164	170
JAPAN	2,689	2,779	2,757	5.61	5.30	5.93	15,096	14,716	16,346
KOREA NORTH	707	740	740	4.72	5.00	5.00	3,340	3,700	3,700
KOREA,REP OF	1,197	1,215	1,220	4.94	5.96	6.60	5,912	7,243	8,056
LAOS	672	680	680	1.29	1.38	1.18	866	940	800
MALAYSIA (PENINSULAR)	575	578	599	2.92	2.79	2.93	1,675	1,611	1,754
NEPAL	1,225	1,261	1,265	1.99	1.89	2.11	2,433	2,384	2,670
PAKISTAN	1,553	1,700	1,710	2.30	2.32	2.32	3,573	3,950	3,967
PHILIPPINES	3,353	3,548	3,675	1.63	1.82	1.93	5,453	6,456	7,082
SABAH	48	50	50	2.39	2.51	2.51	114	125	125
SARAWAK	125	145	145	1.19	1.03	1.03	148	150	150
SAUDI,ARABIA	1	1	1	3.00	3.00	3.00	3	3	3
SRI LANKA (CEYLON)	642	500	740	2.11	2.51	2.30	1,355	1,253	1,705
SYRIA		1	1	4.00	2.00	2.00	2	2	2
THAILAND	7,805	8,500	8,600	1.79	1.85	1.69	14,003	15,760	14,500
TURKEY	58	54	70	4.00	4.50	4.40	233	243	308
VIETNAM, SOC. REP.	3,354	5,310	5,310	2.15	2.17	2.17	7,220	11,500	11,500
VIETNAM, SO.	1,638	- - -	- - -	2.35	- - -	- - -	3,854	- - -	- - -
TOTAL	123,330	127,770	129,624	2.46	2.48	2.56	303,193	317,377	331,775
OCEANIA:									
AUSTRALIA	61	92	94	5.81	5.76	5.65	354	530	531
TOTAL	61	92	94	5.81	5.76	5.65	354	530	531
WORLD TOTAL	136,078	141,773	143,454	2.43	2.46	2.53	330,952	348,220	352,291

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grains

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

FG-20-77 September 29, 1977

USDA Forecast of 1977 Soviet Grain Production Utilization and Trade Revised

Preliminary indications from Soviet sources believed to be reliable at this stage of the season recently indicated that the 1977 USSR total grain output would be somewhat less than the previous estimated level of 220 million metric tons. On this basis the USDA estimate has been reduced to 215 million metric tons. 1/ 2/ The reduction has been made in the estimate of wheat output which is now put at 95 million tons, compared with the 100 million tons forecasted on September 9. The previous output forecasts for coarse grains and miscellaneous grains, 105 million and 15 million tons, respectively, remain unchanged.

Data recently provided by the Soviets under the US-USSR Agricultural Agreement indicate that previous USDA estimates of grain used for livestock feed in 1975-76 were too low. Analysis of the new information, together with current forecasts of the Soviet livestock herd and livestock product output, have led to an increase in the estimate of feed use of grain for 1977-78. Therefore, grain feeding is now estimated at 115 million tons, compared with the earlier estimate of 110 million tons.

As the consequence of these revised estimates of grain output and utilization in the USSR in 1977-78, the tentative forecast of total grain imports by the Soviet Union from all origins has been raised. It is now 13 million tons, up from the previously estimated level of 9 million.

The lower output forecast for the crop has caused the estimated Soviet grain export figure for 1977-78 to be reduced from 4 million to 3 million tons. The net grain trade for the USSR, therefore, is now tentatively seen as 10 million tons, compared with the September 9 estimate of 5 million.

The attached table sets forth the various elements in the projections of Soviet supply-utilization for 1977-78 and earlier years.

The estimate of waste loss for the 1977 Soviet total grain crop continues to be placed at 15 percent, as compared with the usual level of 10 percent.

1/ Prepared by USDA Inter-Agency Task Force on USSR Grain Siuation. The following USDA agencies participated as members of the USSR Task Force: Foreign Agricultural Service, Economic Research Service, Agricultural Stabilization and Conservation Service, Agricultural Marketing Service and the Office of the General Sales Manager.

2/ At this stage of the harvesting season, in the judgment of Task Force analysts, the likelihood is about two out of three that the final, official grain crop figure will not differ from the current forecast by more than 10 million tons.

USSR Total Grain 1/: Supply and Estimated Utilization
1967/68-1977/78

Year	Production	Imports	Exports	Domestic Use			Stock Change 2/
				Food, Feed, Seed & Industrial	Waste	Total	
			Million tons				
1967/68	148	2	6	135	12	147	-3
1968/69	170	1	7	144	17	161	+3
1969/70	162	2	8	154	23	177	-21
1970/71	187	1	8	165	22	187	-7
1971/72	181	8	7	167	13	180	+2
1972/73	168	22	2	173	15	188	0
1973/74	222	12	6	180	33	213	+15
1974/75	196	5	5	182	24	206	-10
1975/76	140	26	negl.	165	14	179	-13
1976/77	224	10	3	183	32	215	+16
1977/78 3/	215	13	3	190	32	222	+3

1/ Wheat, rye, barley, oats, corn, millet and miscellaneous grains and pulses. 2/ Minus indicates draw-down of stocks. 3/ Projected.

USDA Task Force on USSR Grain Situation, September 28, 1977.

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FG 21-77
October 20, 1977

WORLD GRAIN SITUATION:
1977/78 Crop and Trade Development

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TOTAL WHEAT AND COARSEGRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 SEP 19	1977/78 OCT 20
EXPORTS 1)						
SELECTED EXPORTERS 2)	34.3	43.0	44.2	49.0	46.4	49.3
WEST EUROPE	11.3	12.8	14.7	8.2	11.6	11.7
USSR	5.9	5.0	0.5	3.0	4.0	3.0
OTHERS	6.7	4.4	5.9	6.1	8.9	7.9
TOTAL NON-US	58.2	65.2	65.3	66.3	71.0	71.9
U.S 3)	75.6	62.4	78.0	77.3	70.2	74.6
WORLD TOTAL	133.7	127.6	143.3	143.6	141.2	146.4
IMPORTS						
WEST EUROPE	33.2	32.8	31.0	38.7	33.1	33.0
USSR	11.0	5.2	25.6	10.0	9.0	13.0
JAPAN	19.5	18.5	19.5	21.4	22.2	22.2
EAST EUROPE	9.4	11.1	11.6	14.5	12.3	12.5
OTHERS	60.7	59.9	55.5	59.0	64.5	65.6
WORLD TOTAL	133.7	127.6	143.3	143.6	141.2	146.4
(+ INTRA EC-9)	148.6	139.1	158.1	156.5	155.8	161.0
PRODUCTION 4) 5)						
SELECTED EXPORTERS 2)	109.1	95.6	105.2	122.2	108.2	108.4
WEST EUROPE	134.8	141.8	130.0	123.2	136.1	137.8
USSR 6)	210.7	183.5	132.0	211.9	205.0	200.0*
EAST EUROPE	87.2	91.3	87.8	93.9	93.3	93.1
PRC	91.5	98.0	102.0	105.0	102.0	102.0
OTHERS	165.8	167.2	183.5	195.2	188.9	188.5
TOTAL NON-US	799.1	777.5	740.6	851.3	833.5	829.8
U.S.	233.0	199.3	243.0	251.5	253.8	255.2
WORLD TOTAL	1032.1	976.8	983.6	1102.8	1087.3	1085.0
UTILIZATION 4) 7						
WEST EUROPE	154.4	156.3	152.5	154.9	157.3	157.3
USSR 6)	200.8	192.8	170.2	202.9	203.0	207.0
PRC	99.1	104.1	104.1	108.4	111.6	111.6
OTHERS	397.9	393.6	406.1	429.8	440.5	438.5
TOTAL NON-US	852.3	846.7	832.9	896.0	912.5	914.4
U.S.	176.1	140.2	153.4	150.7	161.5	161.5
WORLD TOTAL	1028.4	987.0	986.3	1046.8	1074.0	1075.9
END STOCKS 4) 8)						
TOTAL FOREIGN 9)	94.2	80.0	76.6	107.8	102.0	98.0
USSR: STKS CHG	15.0	-9.0	-13.0	16.0	7.0	3.0
US	31.0	27.1	35.4	60.3	82.6	79.1
WORLD TOTAL 9)	125.2	115.1	112.0	168.0	184.6	177.1

SEE FOOTNOTES PAGE 33

* TOTAL SOVIET GRAIN PRODUCTION IS CURRENTLY PROJECTED AT 215 MILLION METRIC TONS. THIS FIGURE INCLUDES RICE, PULSES AND OTHER MISCELLANEOUS GRAIN NOT INCLUDED IN THE ABOVE AGGREGATES.

* * * \

SUMMARY OF WORLD SITUATION AND OUTLOOK FOR GRAINS

The forecast of 1977 total world production of wheat, coarse grains, and rice currently stands at 1,436 million tons. The current forecast is unchanged from the forecast of mid-September and therefore remains 9 million tons below the record outturn attained in 1976. In recent weeks, there has been a 5-million-ton decrease in the estimate of the USSR outturn, and a significant decrease in the forecast of Australian wheat production. However, these have been more than offset by upward revisions in the United States for corn, Canada for both wheat and coarse grains, Western Europe for coarse grains, and by some small increases in rice crop forecasts for several Asian countries.

As compared with mid-September forecasts, one signficant aspect of the current estimates is that the aggregate world wheat outturn has been revised downward by a total of almost 6 million tons, while coarse grain and rice totals have been revised upward by 3.5 million and 2.0 million tons, respectively.

Wheat and Coarse Grains

Perhaps the single most significant development since the last report in this series 1/ relates to the prospect for somewhat higher Soviet imports of both wheat and coarse grains. In part, this change in assessment of the prospective USSR import situation is related to the reduced estimate of the 1977 USSR crop, and a substantial new Soviet purchase of Canadian wheat in late September. Equally important, however, and probably of much more long-run importance, is that since the last report

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*                                                                     *
*  Based on analysis of past forecasting error and the judgment of    *
*  reviewing analysts, the likelihood is at least two out of three    *
*  that the final global production estimate for the total of wheat   *
*  and coarse grains will not differ from this month's estimate by    *
*  more than about 2 percent.  However, for the world excluding both  *
*  the U.S. and USSR, the chances are two out of three that the       *
*  final production estimate will not differ from this estimate by    *
*  more than 1 percent.  For rice this margin is estimated at about   *
*  2 percent for total world production.                              *
*                                                                     *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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1/ The previous report in this series was Foreign Agriculture Circular, FG 18-77, World Grain Situation, Crop and Trade Outlook, September 20, 1977.

This circular prepared by the Grain & Feed Division, Foreign Commodity Analysis, Foreign Agricultural Service, USDA. Further information may be obtained by contacting the above division. Tel. (202) 447-2042

WORLD WHEAT AND WHEAT FLOUR:
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 SEP 19	1977/78 OCT 20
EXPORTS						
CANADA	11.5	11.2	12.1	12.9	13.0	15.0
AUSTRALIA	5.4	8.2	7.9	8.5	9.4	9.5
ARGENTINA	1.1	2.2	3.2	5.6	3.2	3.2
SUB-TOTAL	18.0	21.6	23.2	27.0	25.6	27.7
WEST EUROPE	5.8	8.3	9.6	5.0	6.4	6.4
USSR	5.0	4.0	0.5	1.0	3.0	2.0
OTHERS	2.7	2.0	1.6	2.6	5.0	4.3
TOTAL NON-US	31.5	35.9	34.9	35.6	40.0	40.4
U.S. 3)	31.1	28.0	31.5	25.4	26.9	28.3
WORLD TOTAL	62.6	63.9	66.4	61.1	66.9	68.7
IMPORTS						
WEST EUROPE	6.4	6.2	6.4	4.5	6.9	6.7
USSR	4.5	2.5	10.1	4.5	4.5	6.0
JAPAN	5.4	5.4	5.9	5.5	5.6	5.6
EAST EUROPE	5.6	4.7	4.9	6.1	5.2	5.2
PRC	5.6	5.7	2.2	3.5	9.5	9.5
OTHERS	35.1	39.5	36.8	36.9	35.2	35.7
WORLD TOTAL	62.6	63.9	66.4	61.1	66.9	68.7
(+ INTRA EC-9)	69.1	68.6	72.9	67.2	74.3	76.1
PRODUCTION 6)						
CANADA	16.2	13.3	17.1	23.6	17.3	18.4
AUSTRALIA	12.0	11.4	12.0	11.8	13.0	11.0
ARGENTINA	6.6	6.0	8.6	11.0	7.0	6.7
WEST EUROPE	50.8	56.7	48.5	50.8	50.2	50.4
USSR 7)	109.8	83.8	66.2	96.9	100.0	95.0
EAST EUROPE	31.5	34.0	28.5	34.5	33.4	33.8
INDIA	24.7	21.8	24.1	28.3	26.5	26.5
OTHERS	73.8	80.5	86.3	97.1	89.0	88.8
TOTAL NON-US	325.2	307.5	291.2	354.0	336.4	330.7
U.S.	46.4	48.9	58.1	58.4	55.2	55.2
WORLD TOTAL	371.6	356.4	349.3	412.4	391.6	385.9
UTILIZATION 8)						
U.S.	20.4	18.8	19.9	20.5	23.8	23.8
USSR 7)	95.3	93.3	87.8	88.4	97.5	96.0
PRC	40.0	42.7	42.2	46.5	49.5	49.5
OTHERS	207.7	207.9	202.3	220.3	225.2	224.7
WORLD TOTAL	363.5	362.7	352.2	375.7	395.9	394.0
ENDING STOCKS 8)						
TOTAL						
FOREIGN 9)	59.9	51.1	41.5	66.1	61.8	55.2
USSR: STKS CHG	14.0	-11.0	-12.0	12.0	4.0	3.0
U.S.	9.2	11.7	18.1	30.2	34.5	33.1
WORLD TOTAL 9)	69.1	62.8	59.6	96.3	96.3	88.2

SEE FOOTNOTES PAGE 35

* *

* BASED ON ANALYSIS OF PAST FORECASTING ERROR AND THE JUDGMENT OF REVIEWING ANALYSTS, THE LIKELIHOOD IS *
* AT LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION FOR WHEAT WILL NOT DIFFER FROM THIS MONTH'S *
* ESTIMATE BY MORE THAN ABOUT 2 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND USSR, THE *
* CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THIS ESTIMATE *
* BY MORE THAN ABOUT 1 PERCENT. *

* *

WORLD COARSE GRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 SEP 19	1977/78 OCT 20
EXPORTS 10)						
CANADA	2.9	2.8	4.9	4.5	4.4	4.4
AUSTRALIA	1.9	2.9	3.2	3.4	3.4	3.1
ARGENTINA	8.4	8.5	5.3	9.5	7.5	8.6
S. AFRICA	0.5	3.5	3.4	1.4	2.9	3.1
THAILAND	2.3	2.2	2.5	2.2	1.3	1.0
BRAZIL	0.4	1.5	1.7	1.0	1.3	1.3
SUB-TOTAL	16.3	21.4	21.0	22.0	20.8	21.6
WEST EUROPE	5.5	4.5	5.1	3.2	5.3	5.3
USSR	0.9	1.0	0.0	2.0	1.0	1.0
OTHERS	4.0	2.4	4.4	3.5	3.9	3.6
TOTAL NON-US	26.7	29.4	30.4	30.7	31.0	31.5
U.S. 3)	44.5	34.3	46.5	51.8	43.3	46.3
WORLD TOTAL	71.1	63.7	76.9	82.5	74.3	77.8
IMPORTS						
WEST EUROPE	26.8	26.7	24.6	34.2	26.2	26.3
USSR	6.5	2.7	15.5	5.5	4.5	7.0
JAPAN	14.1	13.1	13.5	15.9	16.6	16.6
EAST EUROPE	3.8	6.4	6.7	8.3	7.1	7.3
OTHERS	20.0	14.8	16.5	18.6	19.8	20.5
WORLD TOTAL	71.1	63.7	76.9	82.5	74.3	77.8
(+ INTRA EC-9)	79.5	70.5	85.2	89.3	81.5	85.0
PRODUCTION 5) 11						
CANADA	20.4	17.4	20.0	21.2	19.7	21.1
AUSTRALIA	4.7	4.5	5.6	5.0	6.2	5.1
ARGENTINA	17.9	13.8	12.4	17.1	15.1	16.3
S. AFRICA	11.9	9.7	7.7	10.1	9.5	9.6
THAILAND	2.5	2.7	3.3	3.0	2.2	2.0
BRAZIL	16.9	16.9	18.5	19.4	18.2	18.2
WEST EUROPE	84.1	85.1	81.5	72.4	85.9	87.3
USSR 6)	101.0	99.7	65.8	115.0	105.0	105.0
EAST EUROPE	55.7	57.3	59.4	59.4	59.9	59.4
OTHERS	158.8	162.9	175.1	174.8	175.3	175.2
TOTAL NON-US	473.9	469.9	449.4	497.3	497.1	499.1
U.S.	186.6	150.5	184.9	193.1	198.5	200.0
WORLD TOTAL	660.5	620.4	634.4	690.4	695.6	699.1
UTILIZATION 7)						
U.S.	155.6	121.5	133.5	130.2	137.7	137.7
USSR 6)	105.5	99.4	82.4	114.5	105.5	111.0
PRC	59.1	61.4	61.9	61.9	62.1	62.1
OTHERS	344.6	342.0	356.3	364.4	372.7	371.1
WORLD TOTAL	664.9	624.2	634.1	671.1	678.1	681.9
END STOCKS 8) 11						
TOTAL						
FOREIGN 9)	34.3	36.9	35.0	41.6	40.2	42.8
(USSR: STKS CHG)	1.0	2.0	-1.0	4.0	3.0	0.0
U.S.	21.8	15.4	17.4	30.1	48.1	46.1
WORLD TOTAL 9)	56.2	52.4	52.4	71.7	88.3	88.9

SEE FOOTNOTES PAGE 35

* *

* BASED ON ANALYSIS OF PAST FORECASTING ERROR AND THE JUDGMENT OF REVIEWING ANALYSTS, THE LIKELIHOOD IS AT *
* LEAST TWO OUT OF THREE THAT THE FINAL GLOBAL PRODUCTION ESTIMATE FOR COARSE GRAINS WILL NOT DIFFER FROM *
* THIS MONTH'S ESTIMATE BY MORE THAN ABOUT 2 PERCENT. HOWEVER, FOR THE WORLD EXCLUDING BOTH THE U.S. AND *
* USSR, THE CHANCES ARE TWO OUT OF THREE THAT THE FINAL PRODUCTION ESTIMATE WILL NOT DIFFER FROM THIS *
* ESTIMATE BY MORE THAN ABOUT 1 PERCENT. *

* *

in this series, there also have been significant upward revisions in estimated USSR requirements of grains for animal feeding. 2/ An important result of these changes in utilization estimates, is that they reduce the likely stock level the USSR might otherwise have been able to achieve in 1977/78.

For the 1977/78 July/June period, the USSR net import position for total grains is now forecast at a level 5 million tons higher than in mid-September. Imports of wheat and coarse grains from all origins are currently forecast at 13 million tons. On an October-September year it seems likely that the import level would be somewhat larger, perhaps by about 2 million tons. Known or reported purchases from all origins now total at least 8 million tons, although as much as 2 million of this is likely to be for delivery to other destinations such as Cuba or North Vietnam. The amount of any additional purchases is likely to be influenced not only by needs and stock considerations, but also by expectations of world price and market conditions.

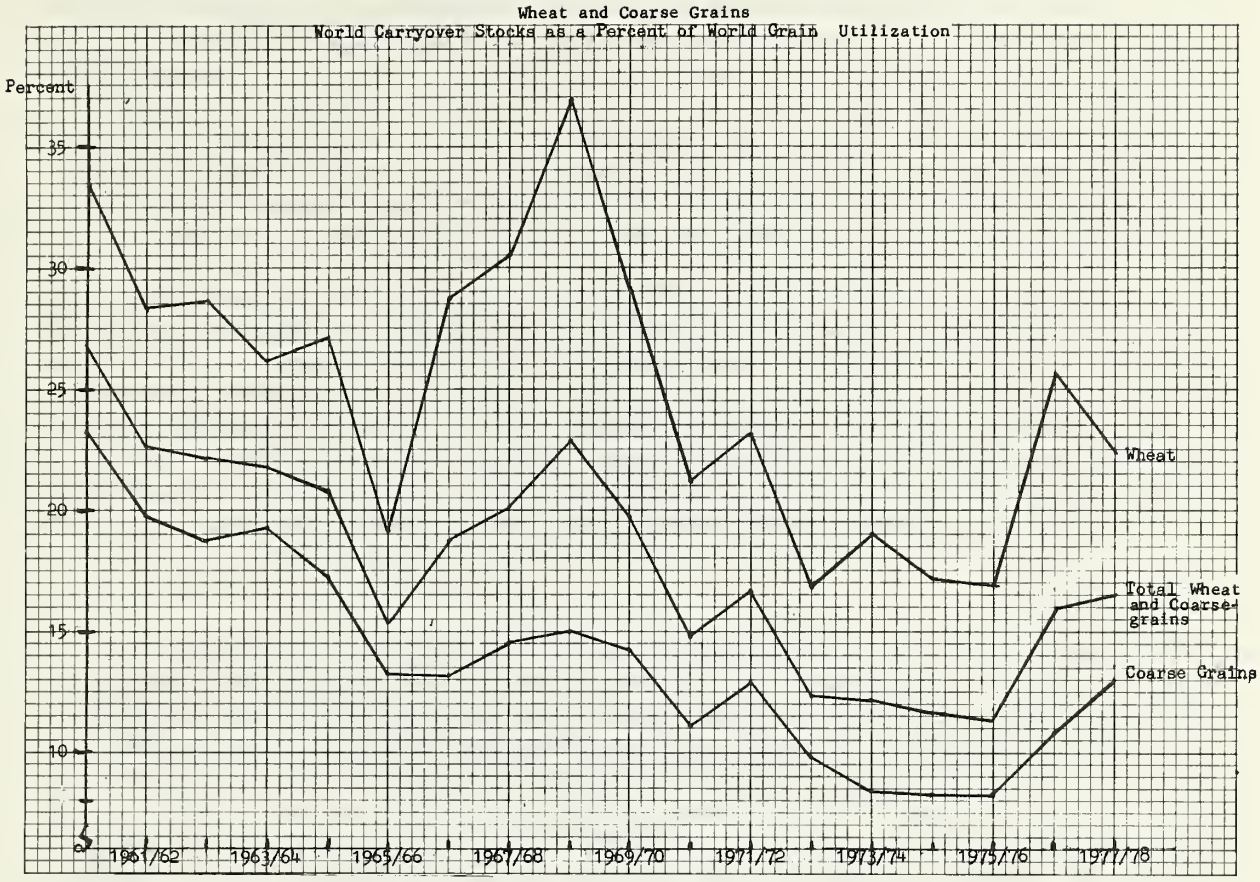
Another basic development evident from the current assessment of the overall world grain situation is a further strengthening of the market situation for food grains generally, and especially for milling quality wheats. In contrast to the situation of this past year when prices of grains for both food and feed usage were unusually close together on world markets, these prices have recently tended to diverge. The noticeable shift in the balance of global supply/demand forces that began to emerge in mid-September for wheat is perhaps even more evident with the further drawdown in wheat stocks.

At this stage of the 1977/78 season, three factors would appear most important between now and the time active speculation begins on the size of the probable 1978 crop outturn: (1) further clarification of Soviet import plans and requirements, (2) the outturn of important Southern Hemisphere crops of wheat (to be harvested in November/December) and corn (harvested next March/May), and (3) further clarification of the basic level of livestock feed demand in Western countries.

Crop Outlook

The 5-million-ton reduction in the 1977 USSR wheat production estimate reflects the continuance of poor spring wheat conditions, which have further reduced yields below earlier expectations. Wheat output is now forecast at 95 million tons, down from last month's forecast of 100 million tons, while the Soviet production forecast for coarse grains remains unchanged at 105 million tons. Total USSR grain production is now estimated at 215 million tons, consisting of 200 million tons of wheat and coarse grains and 15 million tons of miscellaneous grains, rice, and pulses. The current total grain production estimate is about equal to the Soviet plan figure of 213 million tons, but since the waste loss component is currently estimated to be at least 10 million tons

2/ Based on official Soviet data provided under the US-USSR Agricultural Agreement.



Note: *Stocks Data are based on an aggregate* of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as the People's Republic of China and parts of Eastern Europe; the world stock levels have been adjusted for estimated year-to-year changes in USSR grain stocks, but do not purport to include the entire absolute level of USSR stocks.

larger than normal for a crop of this size, the outturn in terms of usable grain seems likely to fall somewhat below the preseason expectations.

Outside the USSR, downward revisions have also been made in wheat crop estimates for Australia, due to recent drought conditions, and for Argentina, where a prolonged drought persisted until earlier this month. In Canada, meanwhile, the estimate of the 1977 wheat crop has recently been increased; at the same time, however, cool, wet weather has continued to hamper the harvest in the Prairie Provinces, and a significant portion of the crop remained to be harvested as of mid-October. Condition of a substantial portion of the Canadian crop will be down from last year.

World coarse grain production in 1977 is now estimated at almost 700 million tons, slightly above the mid-September estimate, largely because of improved crop prospects in North America and Western Europe. The aggregate forecast of coarse grain output in Southern Hemisphere countries is about the same as that of mid-September; reductions in expected crops in Australia, have been more than offset by higher crop estimates in Argentina resulting largely from increased area. Crop outturn in South Africa is now projected slightly above the mid-September estimate.

Trade Outlook

World wheat and coarse grain trade during 1977/78 is now projected at a record 146 million tons, surpassing last year's level by almost 3 million tons -- largely as a result of the upward revision in the forecast of the USSR grain imports. World wheat trade during 1977/78 is now estimated at about 69 million tons, 12 percent greater than last year and a record level. Major changes in wheat import estimates since the last USDA report include increases for the USSR (up 1.5 million tons) and Pakistan (up 300,000 tons). These gains are partly offset by decreases for India (down 200,000 tons), Tunisia (down 150,000 tons), Indonesia (down 100,000 tons), and for several other countries. Changes in export projections include increases for Canada of 2 million tons and the United States of 1.4 million tons along with reductions for the USSR of 1 million tons and other smaller exporting countries totalling less than 1 million tons.

The 1977/78 level of coarse grain trade is currently forecast at about 78 million tons, up 3.5 million tons from the mid-September forecast and, again as in the case of wheat, largely because of the 2.5-million-ton increase in the USSR import estimate. To meet this higher level of world demand for coarse grains, export projections for the United States and Argentina have been increased 3 million and 1.1 million tons, respectively. These accelerated export projections have been partially offset by reductions in the export estimates for Thailand and Australia of 300,000 tons each.

East European grain import estimates have increased only slightly since mid-September; however, exports are now estimated downward some 800,000 tons, resulting in an increased net import position. The Romanian corn

crop will be less than earlier estimated because of summer dryness; in addition, because of the loss of some 15-20 percent of last year's corn crop because of inadequate drying and storage facilities, less is available for export. Even with a larger crop this year, Hungarian corn exports are also expected to be small because of increased domestic requirements.

World Rice Situation

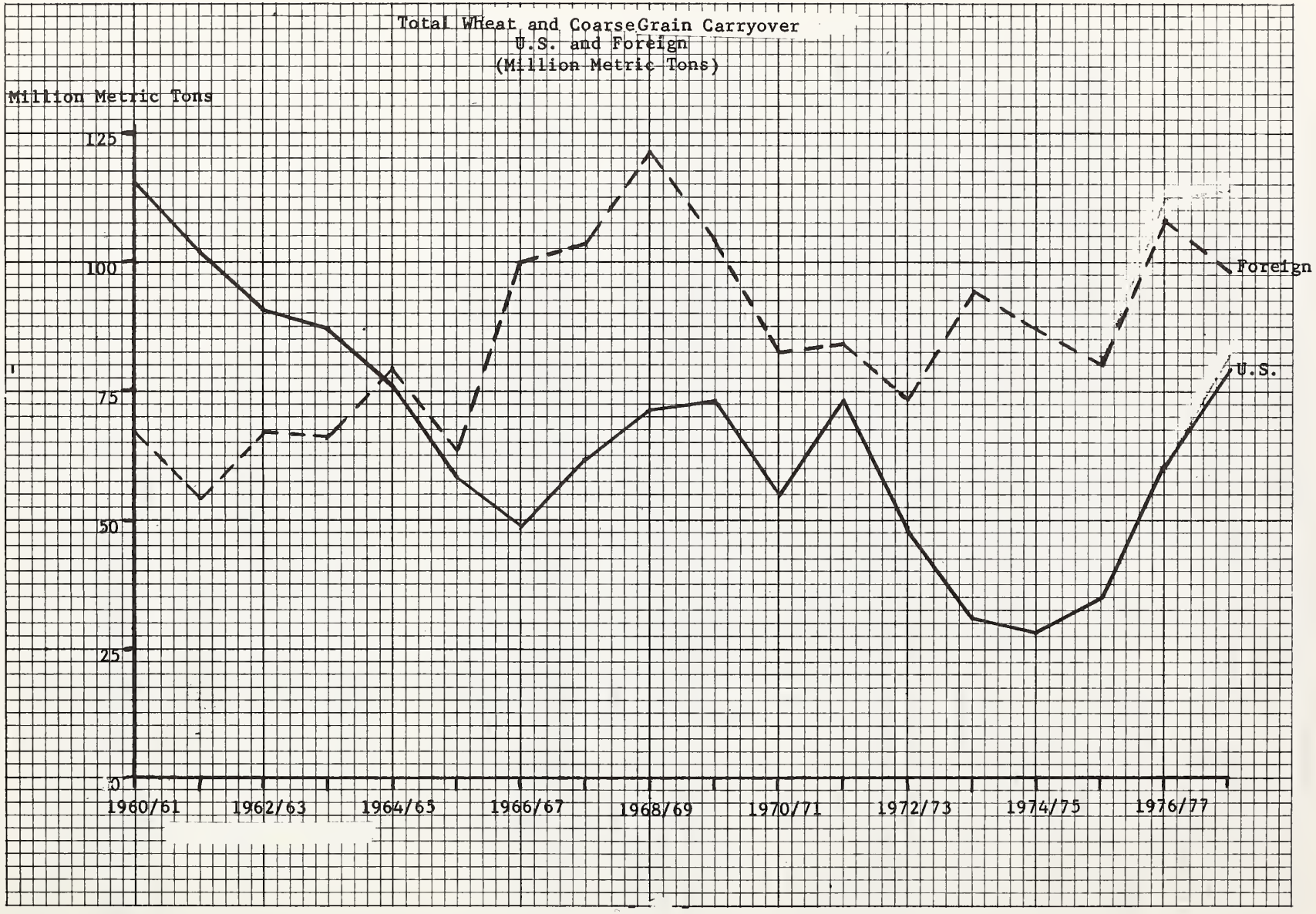
Rice production prospects have remained relatively favorable throughout most of the major producing areas since the last report and total world 1977/78 production is now estimated up 2 million tons at 351 million tons.* Favorable crop prospects throughout much of Asia continue to indicate a reduction in world rice trade in 1978 to about 8 million tons compared to this year's estimated 8.7 million ton level.

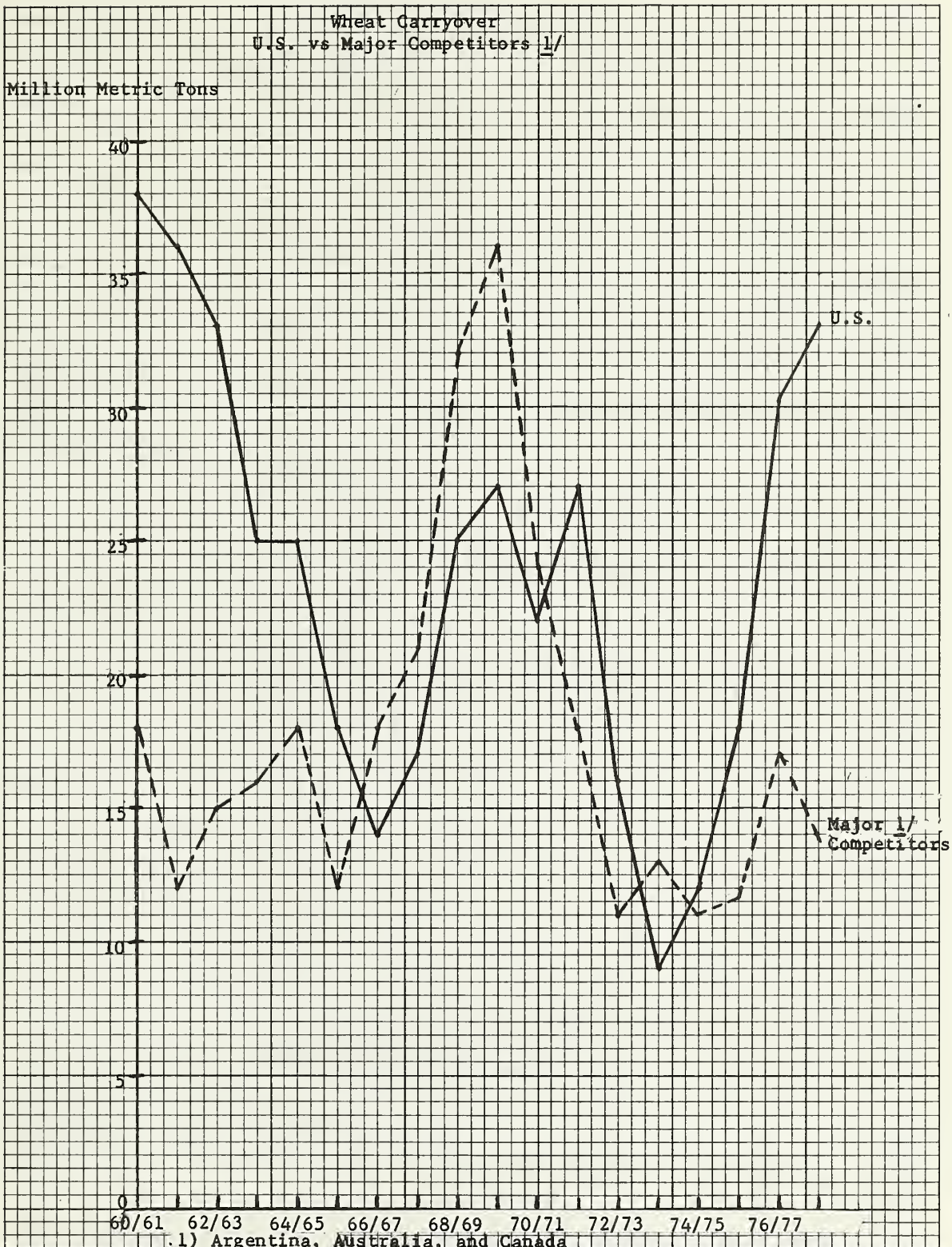
Monsoon activity in India sharply diminished at the end of September bringing to an end a season generally characterized by timely and evenly distributed precipitation. Rice production is currently estimated at 70 million tons, up 1 million tons from the previous estimate. Since the last report, Japan's production estimate is up by 1 million tons and South Korea's is up 200,000 tons.

The rice situation in Thailand remains uncertain but it is likely that exports will reach 2.5 million tons in 1977. The level of exports and the absence of a domestic rice price increase indicates the 1976 production estimate of 15.5 million tons might be somewhat conservative. Thailand's exports in 1978 are expected to decline from this year's record level to about 1.6 million tons.

Inclement weather has reportedly reduced Italy's harvest prospects sharply in recent weeks. Exports in 1978 are now expected to be only about 250,000 tons with the bulk of this rice likely to remain within the European Community.

* All production figures are on a paddy basis; trade and stocks are expressed on a milled basis.

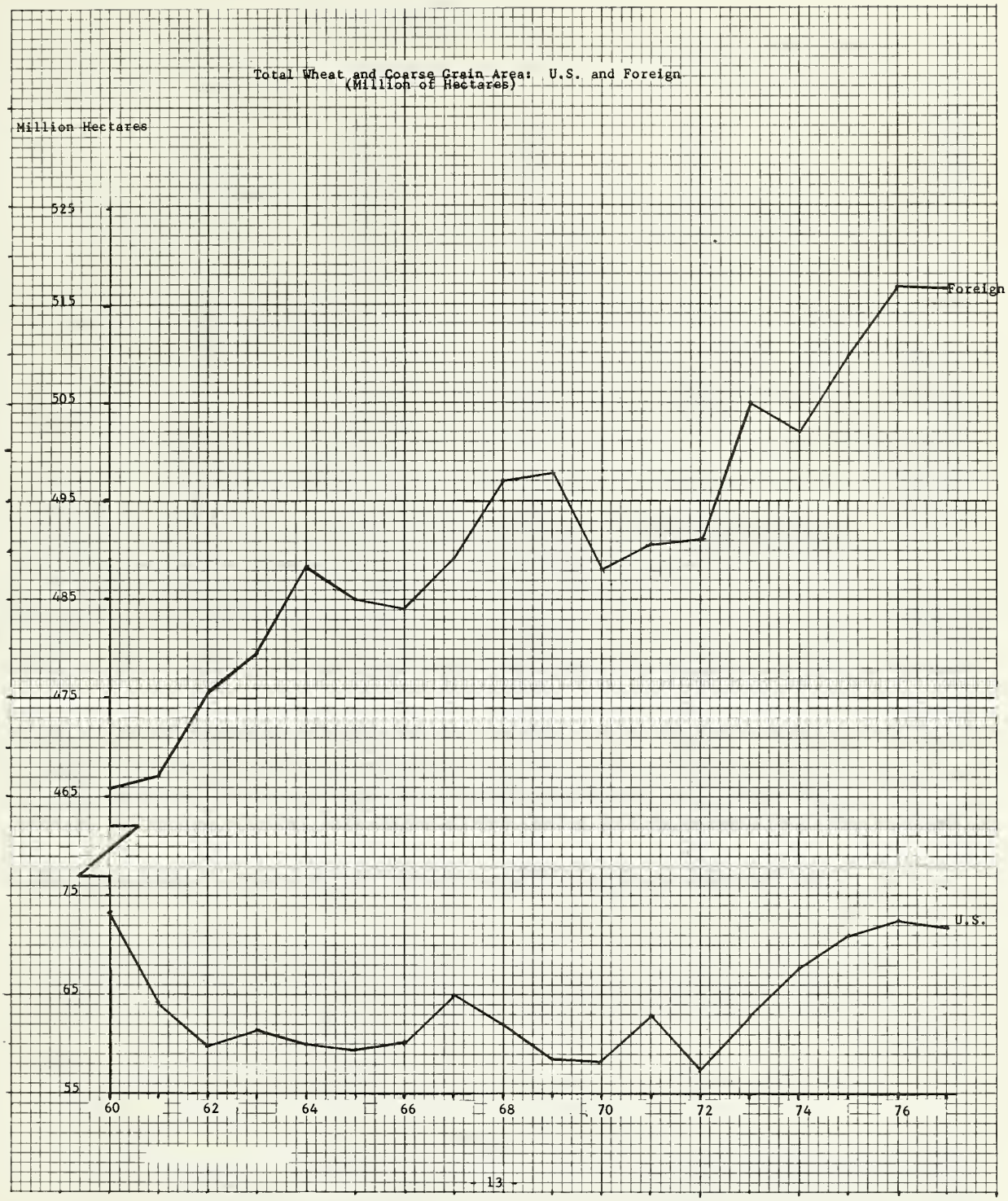

Total Wheat and CoarseGrain Carryover
U.S. and Foreign
(Million Metric Tons)
Million Metric Tons
125
100
75
50
25
0
1960/61
1962/63
1964/65
1966/67
1968/69
1970/71
1972/73
1974/75
1976/77
Foreign
U.S.



1) Argentina, Australia, and Canada

Coarse Grain Carryover
U.S. vs Major Competitors 1/

1) Argentina, Australia, Brazil, Canada, South Africa and Thailand


Total Wheat and Coarse Grain Area: U.S. and Foreign
(Million of Hectares)
Million Hectares
525
515
505
495
485
475
465
75
65
55
60
62
64
66
68
70
72
74
76
Foreign
U.S.

WORLD RICE
PRODUCTION, TRADE AND STOCKS
(IN MILLIONS OF METRIC TONS)

	CY 1975	CY 1976	CY 1977	CY 1978 AS OF SEP 19	CY 1978 AS OF OCT 20
EXPORTS 2)					
AUSTRALIA	0.2	0.2	0.3	0.3	0.3
BURMA	0.3	0.6	0.6	0.6	0.6
ITALY	0.5	0.4	0.3	0.5	0.3
PAKISTAN	0.4	0.9	0.9	0.8	0.8
PRC	I.4	0.9	0.5	0.5	0.5
THAILAND	I.0	I.9	2.5	I.4	1.6
ALL OTHERS	I.3	1.4	1.4	I.5	I.6
TOTAL NON-US	5.I	6.3	6.5	5.7	5.7
U.S.	2.I	2.0	2.2	2.2	2.2
WORLD TOTAL	7.2	8.3	8.7	7.9	7.9
IMPORTS 2)					
BANGLADESH	0.4	0.3	0.4	0.4	0.4
EC-9	0.6	0.9	0.8	0.7	0.7
HONG KONG	0.3	0.3	0.4	0.3	0.3
INDONESIA	0.7	I.3	1.5	1.6	I.6
IRAN	0.4	0.3	0.5	0.5	0.5
KOREA REP OF	0.4	0.2	0.I	0.0	0.0
MALAYSIA, WEST	0.1	0.2	0.3	0.2	0.2
PHILIPPINES	0.1	0.I	0.0	0.0	0.0
SINGAPORE	0.I	0.2	0.2	0.2	0.2
SRI LANKA	0.4	0.4	.5	0.3	0.3
ALL OTHERS	3.6	4.2	4.0	3.5	3.5
WORLD TOTAL	7.2	8.3	8.7	7.9	7.9
	74/75	75/76	76/77	77/78 AS OF SEP 19	77/78 AS OF OCT 20
PRODUCTION 3)					
BANGLADESH	I7.1	I9.2	17.7	18.0	18.0
BURMA	8.6	9.2	9.3	9.5	9.5
INDIA	59.4	74.3	65.3	69.1	70.0
INDONESIA	22.5	22.3	23.3	23.5	23.5
JAPAN	15.4	I6.5	14.7	15.2	16.2
KOREA REP OF	6.2	6.5	7.2	7.3	7.5
PAKISTAN	3.5	3.9	3.9	4.0	4.0
PRC	120.0	I19.0	118.0	120.0	120.0
THAILAND	I4.5	15.2	15.5	15.0	I5.0
SUB-TOTAL	267.0	286.0	275.I	281.6	283.8
EC-9	I.I	I.0	0.9	1.I	0.8
AUSTRALIA	0.4	0.4	0.5	0.5	0.5
ARGENTINA	0.4	0.3	0.3	0.3	0.3
BRAZIL	7.0	8.5	7.2	7.5	7.5
ALL OTHERS	49.0	5I.4	5I.0	53.3	53.5
TOTAL NON-US	324.9	347.7	335.0	344.4	346.9
U.S.	5.1	5.8	5.3	4.5	4.5
WORLD TOTAL	330.0	353.5	340.3	349.0	351.0
ENDING STOCKS 4)					
TOTL FOREIGN	1I.7	16.8	I4.3	15.I	15.8
U.S.	0.2	I.2	1.3	I.0	0.9
WORLD TOTAL	I2.0	I8.0	I5.6	16.2	I6.7

1) PRODUCTION IS ON ROUGH BASIS; TRADE AND STOCKS ARE LISTED AS MILLED.
2) TRADE DATA ON CALENDAR YEAR BASIS.
3) THE WORLD RICE HARVEST STRETCHES OVER 6-8 MONTHS. THUS, 1976/77 PRODUCTION REPRESENTS THE CROP HARVESTED IN LATE 1976 AND EARLY 1977 IN THE NORTHERN HEMISPHERE AND THE CROP HARVESTED IN EARLY 1977 IN THE SOUTHERN HEMISPHERE.
4) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERENT LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS BURMA AND THE PEOPLE S REPUBLIC OF CHINA.

The chances are 2 out of 3 that the final rice production estimate will not differ from the initial estimate by more than about 2 percent.

WORLD TOTAL GRAIN AREA 1)
(HARVESTED)
(IN MILLIONS OF HECTARES)

	1960 - 1972		1973	1974	1975	1976 2)	1977 AS OF SEP 19	1977 3) AS OF OCT 20
	HIGH (1968)	LOW (1961)						
SELECTED EXPORTERS 4)	53.9	41.9	51.6	48.7	50.6	54.2	53.8	53.3
USSR	114.3	115.6	118.2	119.1	120.1	120.3	122.0	122.0
PRC	74.0	71.9	76.0	77.1	78.4	78.6	78.6	78.6
WEST EUROPE	41.6	40.5	41.0	41.4	40.6	40.8	40.1	40.0
EAST EUROPE	31.0	32.1	29.6	29.4	29.6	29.6	29.7	29.7
BRAZIL	10.7	85.0	13.4	13.4	14.6	15.7	19.5	14.5
INDIA	61.9	57.5	65.5	61.5	61.8	62.4	63.4	63.4
OTHERS	109.8	23.2	108.9	111.9	114.0	115.5	115.0	115.1
TOTAL NON-US	497.2	467.7	504.2	502.5	509.7	517.1	517.2	516.6
UNITED STATES	62.1	64.2	63.6	67.9	71.0	72.2	70.8	70.8
WORLD TOTAL	559.3	531.9	567.8	570.4	580.7	589.3	588.1	587.5

TOTAL GRAIN YIELDS 1)
(BASED ON HARVESTED AREA)
(IN METRIC TONS PER HECTARE)

	1973	1974	1975	1976 2)	1977 AS OF SEP 19	1977 3) AS OF OCT 20
SELECTED EXPORTERS 4)	1.82	1.65	1.75	1.94	1.74	1.74
USSR	1.78	1.54	1.10	1.76	1.68	1.64
PRC	1.20	1.27	1.30	1.34	1.30	1.30
WEST EUROPE	3.29	3.43	3.20	3.02	3.39	3.44
EAST EUROPE	2.95	3.10	2.97	3.17	3.14	3.14
BRAZIL	1.40	1.47	1.37	1.42	1.48	1.48
INDIA	0.82	0.77	0.87	0.90	0.88	0.88
OTHERS	1.00	1.04	1.11	1.16	1.12	1.11
TOTAL NON-US	1.59	1.55	1.45	1.65	1.61	1.61
UNITED STATES	3.66	2.94	3.42	3.48	3.58	3.60
WORLD TOTAL	1.82	1.71	1.69	1.87	1.85	1.85

1) EXCLUDES RICE.
2) PRELIMINARY.
3) PROJECTION BASED ON CONDITIONS TO DATE.
4) ARGENTINA, AUSTRALIA, CANADA, SOUTH AFRICA AND THAILAND.

RICE AREA AND YIELD
SELECTED COUNTRIES & WORLD TOTAL
MILLION HECTARES/MT PER HECTARE

	HARVESTED AREA				COMPARATIVE YIELD 3)			
	1974	1975	1976 1)	1977 2)	1974	1975	1976 1)	1977 2)
ARGENTINA	0.1	0.1	0.1	0.1	3.94	3.55	3.51	3.51
BANGLADESH	9.7	10.3	10.1	10.2	1.76	1.85	1.76	1.76
BRAZIL	5.2	6.0	5.4	5.2	1.33	1.42	1.33	1.44
BURMA	5.0	4.9	5.2	5.2	1.72	1.88	1.79	1.83
COLOMBIA	0.4	0.4	0.4	0.3	4.34	4.34	4.23	3.79
INDIA	37.9	39.7	38.5	39.0	1.57	1.87	1.70	1.77
INDONESIA	8.5	8.5	8.4	8.4	2.64	2.63	2.78	2.78
JAPAN	2.7	2.8	2.8	2.7	5.64	5.95	5.30	5.69
KOREA, REP OF	1.2	1.2	1.2	1.2	5.13	5.32	5.96	5.99
PAKISTAN	1.6	1.7	1.7	1.7	2.16	2.30	2.32	2.32
PHILIPPINES	3.4	3.6	3.6	3.6	1.66	1.61	1.69	2.19
PRC	34.2	34.5	35.0	34.7	3.51	3.45	3.37	3.46
THAILAND	8.2	8.5	8.5	8.6	1.76	1.79	1.82	1.74
TAIWAN	0.8	0.8	0.8	0.8	4.27	4.14	4.53	4.48
USSR	0.5	0.5	0.5	0.5	3.86	4.02	3.82	4.01
UNITED STATES	1.0	1.1	1.0	0.9	4.97	5.12	5.24	5.10
OTHERS	16.8	17.5	17.9	18.6	2.27	2.29	2.19	2.16
WORLD TOTAL	137.2	142.1	141.1	141.9	2.40	2.49	2.41	2.46

1) PRELIMINARY
2) PROJECTION
3) ROUGH RICE BASIS

WORLD WHEAT AND FLOUR TRADE
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	14.9	14.8	8.9	8.7	9.0	11.5	13.7	15.6	11.5	11.2	12.1	12.9	15.0
AUSTRALIA	5.6	6.9	7.0	5.4	7.4	9.5	8.7	5.6	5.4	8.2	7.9	8.5	9.5
ARGENTINA	7.9	3.1	1.4	2.7	2.1	1.6	1.3	3.4	1.1	2.2	3.2	5.6	3.2
SUB-TOTAL	28.4	24.9	17.3	16.8	18.4	22.7	23.7	24.6	18.0	21.6	23.2	27.0	27.7
WEST EUROPE	5.0	4.6	5.3	5.1	7.0	3.7	4.5	6.8	5.8	8.3	9.6	5.0	6.4
EAST EUROPE	0.9	1.7	2.3	2.0	1.3	0.9	0.9	0.9	2.0	1.7	1.3	1.5	1.6
USSR	2.6	4.4	5.3	5.8	6.4	7.2	5.8	1.3	5.0	4.0	0.5	1.0	2.0
OTHERS	1.2	0.7	0.6	0.6	0.8	0.3	0.6	1.9	0.7	0.3	0.3	1.1	2.7
TOTAL NON-US	38.1	36.2	30.9	30.4	33.9	34.8	35.5	35.6	31.6	35.9	34.9	35.6	40.4
UNITED STATES	23.4	20.0	20.2	14.7	16.5	19.9	16.9	31.8	31.1	28.0	31.5	25.4	28.3
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	66.4	61.1	68.7
IMPORTS													
JAPAN	3.5	4.3	4.0	4.2	4.4	4.8	5.0	5.5	5.4	5.4	5.9	5.5	5.6
WEST EUROPE	9.9	9.7	7.8	8.6	8.6	11.0	7.9	8.1	6.4	6.1	6.4	4.5	6.7
EAST EUROPE	7.2	5.4	4.9	4.3	4.7	6.7	5.2	4.6	5.6	4.7	4.9	6.1	5.2
USSR	8.5	3.1	1.5	0.2	1.1	0.5	3.5	15.6	4.5	2.5	10.1	4.5	6.0
PRC	6.3	5.0	4.2	3.5	5.1	3.7	3.0	5.3	5.6	5.7	2.2	3.5	9.5
SUB-TOTAL	35.5	27.4	22.4	20.8	24.0	26.7	24.6	39.1	27.6	24.4	29.5	24.1	33.0
AFRICA 1)	3.7	5.2	5.4	3.7	3.9	5.1	5.2	5.1	6.9	7.1	7.8	7.5	9.5
L. AMERICA 2)	3.9	4.6	5.1	4.3	3.9	3.9	4.4	6.2	6.4	5.1	6.3	6.0	7.1
WEST ASIA 3)	1.2	2.0	1.7	1.8	2.4	2.8	4.6	2.0	3.3	4.8	2.4	3.6	4.8
SOUTH ASIA 4)	9.1	9.1	9.3	5.4	5.4	4.4	4.8	5.8	7.5	10.8	10.8	6.0	3.8
OTHER ASIA 5)	1.5	1.4	1.9	2.3	2.8	3.0	3.1	3.0	2.9	2.7	2.5	3.2	3.4
OTHERS	6.4	6.4	5.3	6.6	8.0	8.9	5.7	6.0	8.2	8.9	7.0	10.7	7.1
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	66.4	61.1	68.7

1) ALGERIA, EGYPT, LIBYA, MOROCCO, NIGERIA, SUDAN AND TUNISIA.
2) MEXICO, BRAZIL, CHILE, COLOMBIA, PERU AND VENEZUELA.
3) IRAN, IRAQ, ISRAEL, JORDAN, LEBANON, SAUDI ARABIA, SYRIA AND TURKEY.
4) BANGLADESH, INDIA, INDONESIA, PAKISTAN AND SRI LANKA.
5) REP. OF KOREA, PHILIPPINES AND TAIWAN.

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
DATA EXCLUDE INTRA EC-9 TRADE; U.S. DATA ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WHEAT AND WHEAT FLOUR
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
ALGERIA	401	934	664	700	275	646	885	646	1,585	1,500	1,500	750	1,200
EGYPT	2,344	2,498	2,782	1,940	2,220	2,527	2,670	3,040	3,180	3,490	3,800	4,100	4,400
LIBYA	149	157	184	215	208	234	274	240	288	300	310	450	350
MOROCCO	359	1,012	960	264	255	645	653	461	1,040	1,105	1,235	1,022	1,900
NIGERIA	140	170	130	144	244	385	350	397	326	342	519	710	800
SUDAN	148	209	215	196	119	244	143	93	182	120	176	182	220
TUNISIA	199	256	433	263	539	381	229	237	290	285	301	325	630
SUB-TOTAL	3,740	5,236	5,368	3,722	3,860	5,062	5,204	5,114	6,891	7,142	7,841	7,539	9,500
WEST HEMISPHERE													
MEXICO	7	1	1	1	49	5	409	650	790	832	1	0	900
BRAZIL	2,321	2,637	3,029	2,384	2,070	1,795	1,603	2,942	2,682	1,728	3,705	3,300	3,200
CHILE	311	641	462	350	196	465	540	910	1,126	768	788	735	900
COLOMBIA	236	199	273	256	217	350	446	278	472	339	339	380	400
PERU	501	550	624	564	635	658	663	825	744	858	825	850	950
VENEZUELA	556	591	698	771	753	594	773	635	599	540	671	740	780
SUB-TOTAL	3,932	4,619	5,087	4,326	3,920	3,867	4,434	6,240	6,413	5,065	6,329	6,005	7,130
ASIA													
IRAN	143	220	51	1	1	103	1,116	736	600	1,650	252	1,200	1,500
IRAQ	6	126	315	70	87	156	889	13	549	750	500	700	1,400
ISRAEL	233	269	282	425	470	475	438	282	363	350	492	462	410
JORDAN	126	172	114	148	125	127	123	181	193	170	200	250	275
LEBANON	260	336	399	289	297	436	448	265	404	298	346	363	210
SAUDI ARABIA	200	240	182	140	290	320	350	310	317	350	350	350	350
SYRIA	70	345	283	193	251	612	698	215	233	191	222	235	625
TURKEY	132	258	45	551	881	568	555	27	607	1,018	20	0	0
SUB-TOTAL	1,170	1,966	1,671	1,817	2,402	2,797	4,617	2,029	3,266	4,777	2,382	3,560	4,770
BANGLADESH	0	0	0	0	0	0	1,071	2,176	1,608	2,057	1,650	480	800
INDIA	7,645	6,576	6,533	3,801	3,039	2,309	1,609	1,014	3,644	5,656	6,660	3,562	300
INDONESIA	20	40	170	335	685	455	487	686	576	846	834	1,025	1,064
PAKISTAN	1,236	1,759	2,131	756	1,085	1,075	1,027	1,359	999	1,574	1,025	373	900
SRI LANKA	238	742	513	558	563	576	610	561	668	700	638	526	700
SUB-TOTAL	9,139	9,117	9,347	5,450	5,372	4,415	4,804	5,796	7,495	10,833	10,807	5,966	3,764
REP. OF KOREA	600	654	859	1,117	1,670	1,750	1,848	1,779	1,627	1,577	1,445	1,800	1,950
PHILIPPINES	502	494	653	588	560	568	689	613	524	503	550	775	800
TAIWAN	384	264	406	575	580	687	541	657	705	626	527	600	620
SUB-TOTAL	1,486	1,412	1,918	2,280	2,810	3,005	3,078	3,049	2,856	2,706	2,522	3,175	3,370
TOTAL	19,467	22,350	23,391	17,595	18,364	19,146	22,137	22,228	26,921	30,523	29,881	26,245	28,534

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
YEARS BEGINNING JULY 1

WORLD COARSEGRAIN TRADE 1)
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	1.2	1.3	1.2	0.6	1.4	4.2	4.6	4.2	2.9	2.8	4.9	4.5	4.4
AUSTRALIA	0.5	0.9	0.4	0.9	0.9	2.2	3.2	1.6	1.9	2.9	3.2	3.4	3.1
ARGENTINA	3.8	6.5	4.0	5.6	6.0	7.6	6.2	4.2	8.4	8.5	5.3	9.5	8.6
S. AFRICA	0.6	0.9	3.3	2.4	1.1	1.1	3.1	3.3	0.5	3.5	3.4	1.4	3.1
THAILAND	1.2	1.3	1.3	1.3	1.6	1.8	2.3	1.1	2.3	2.2	2.5	2.2	1.0
BRAZIL	0.6	0.6	0.7	1.2	0.6	2.0	0.6	0.5	0.4	1.5	1.7	1.0	1.3
SUB-TOTAL	7.9	11.5	10.9	12.0	11.6	18.9	19.9	15.0	16.3	21.4	21.0	22.0	21.6
WEST EUROPE	2.2	2.6	2.7	3.2	4.1	4.1	5.2	5.1	5.5	4.5	5.1	3.2	5.3
EAST EUROPE	1.2	1.7	2.0	1.5	1.4	1.5	0.6	1.4	2.5	1.2	2.9	1.4	1.9
USSR	2.2	0.8	1.0	1.1	1.1	1.1	0.9	0.4	0.9	1.0	0.0	2.0	1.0
OTHERS	2.9	2.2	2.3	2.8	1.8	1.3	1.3	1.8	1.5	1.2	1.5	2.1	1.7
TOTAL NON-US	16.4	18.9	18.9	20.6	19.9	26.9	28.0	23.8	26.7	29.4	30.4	30.7	31.5
UNITED STATES	25.4	20.9	19.7	16.0	19.2	19.4	20.8	35.6	44.5	34.3	46.5	51.8	46.3
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.9	82.5	77.8
IMPORTS													
JAPAN	5.2	7.2	7.7	8.5	10.0	10.5	10.3	12.0	14.1	13.1	13.5	15.9	16.6
WEST EUROPE	25.3	24.0	22.9	19.6	19.5	24.1	20.4	22.0	26.8	26.7	24.6	34.2	26.3
EAST EUROPE	3.9	2.0	2.5	2.7	2.9	3.6	4.9	5.1	3.8	6.4	6.7	8.3	7.3
USSR	0.0	0.2	0.4	0.5	0.1	0.3	4.3	6.9	6.5	2.7	15.5	5.5	7.0
PRC	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.8	2.1	0.5	0.0	0.0	0.2
SUB-TOTAL	34.5	33.4	33.6	31.3	32.6	38.4	40.4	46.9	53.2	49.5	60.4	63.9	57.5
AFRICA 2)	0.4	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.0	1.1	1.1
L. AMERICA 3)	0.2	0.2	0.2	0.5	0.8	1.3	0.7	1.8	2.8	3.6	2.7	3.4	3.3
ASIA 4)	2.1	3.3	2.9	1.8	2.4	2.6	4.1	4.8	5.0	4.9	5.9	6.2	7.3
OTHERS	4.7	2.7	1.6	2.8	3.1	3.6	3.3	5.4	9.2	4.7	6.9	7.8	8.5
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.9	82.5	77.8

1) CORN, SORGHUM, BARLEY, OATS AND RYE.
2) EGYPT, LIBYA, TANZANIA AND ZAIRE.
3) CHILE, MEXICO AND VENEZUELA.
4) HONGKONG, INDIA, IRAN, IRAQ, ISRAEL, REP. OF KOREA, PHILIPPINES, LEBANON, MALAYSIA AND TAIWAN.

NOTE: DATA EXCLUDE PRODUCTS; INTRA EC-9 TRADE EXCLUDED; ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WORLD COARSEGRAIN TRADE 1)
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
EGYPT	256	114	269	15	64	76	48	130	450	460	500	700	650
LIBYA	17	19	53	48	74	151	121	143	74	125	125	125	125
TANZANIA	15	7	4	0	47	0	43	114	161	291	200	56	100
ZAIRE	72	81	38	95	60	85	95	85	150	180	200	232	205
SUB-TOTAL	360	221	364	158	245	312	307	472	835	1,056	1,025	1,113	1,080
WEST HEMISPHERE													
MEXICO	146	77	114	52	439	571	118	873	1,909	2,806	1,992	2,308	2,396
CHILE	40	68	134	212	250	352	275	318	146	132	63	45	30
VENEZUELA	34	25	1	232	117	392	278	629	743	670	639	1,030	900
SUB-TOTAL	220	170	249	496	806	1,315	671	1,820	2,798	3,608	2,694	3,383	3,326
ASIA													
HONG KONG	96	86	117	141	176	158	163	137	150	160	160	160	150
IRAN	5	1	33	71	24	23	276	105	200	415	473	680	900
IRAQ	0	0	0	0	1	1	250	0	0	0	0	30	140
ISRAEL	444	636	647	582	792	735	828	923	968	1,125	1,123	1,175	1,115
LEBANON	141	96	154	110	138	136	213	165	143	170	145	145	175
INDIA	1,163	2,237	1,314	56	314	16	23	480	1,055	446	721	0	0
REP. OF KOREA	112	30	225	298	251	414	624	884	699	498	724	1,400	2,100
MALAYSIA	52	63	68	102	124	169	197	256	229	237	345	377	409
PHILIPPINES	22	37	14	22	11	30	166	116	90	159	54	141	150
TAIWAN	63	83	284	442	580	878	1,353	1,691	1,510	1,195	2,122	2,135	2,200
SUB-TOTAL	2,098	3,269	2,856	1,824	2,411	2,560	4,093	4,757	5,044	4,405	5,867	6,243	7,339
TOTAL	2,678	3,660	3,469	2,478	3,462	4,187	5,071	7,049	8,677	9,569	9,586	10,739	11,745

1) CORN, SORGHUM, BARLEY, OATS AND RYE.

NOTE: DATA EXCLUDE PRODUCTS; TRADE YEARS BEGINNING JULY 1

WHEAT: SUPPLY AND DISAPPEARANCE
CANADA, AUSTRALIA AND ARGENTINA
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC USE	EXPORTS 1) JULY-JUNE	EXPORTS 1) MRKT YEAR	END STOCKS 2) MRKT YEAR
			CANADA (MARKETING YEAR AUG/JULY)				
AVERAGE							
1955/56-1959/60	9,187	1.38	12,672	4,329	7,660	7,995	17,141
1960/61-1964/65	10,841	1.35	14,651	4,064	11,034	11,062	13,385
1967/68.....	12,190	1.32	16,137	4,250	8,921	9,145	18,303
1968/69 3).....	11,908	1.49	17,689	4,486	8,710	8,323	23,183
1969/70 3).....	10,102	1.81	18,267	4,568	8,991	9,430	27,452
1970/71 3)	5,052	1.79	9,024	4,650	11,544	11,846	19,980
1971/72.....	7,854	1.83	14,412	4,795	13,723	13,710	15,887
1972/73.....	8,640	1.68	14,514	4,764	15,627	15,692	9,945
1973/74.....	9,575	1.69	16,159	4,601	11,487	11,414	10,089
1974/75.....	8,935	1.49	13,295	4,607	11,186	10,739	8,038
1975/76.....	9,479	1.80	17,078	4,641	12,139	12,251	8,224
1976/77 4).....	11,252	2.10	23,587	5,051	12,900	13,450	13,310
1977/78 5).....	10,111	1.82	18,419	5,000	15,000	15,000	11,729
			AUSTRALIA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,006	1.14	4,572	1,960	2,616	2,803	1,470
1960/61-1964/65	6,396	1.30	8,298	2,124	6,045	6,372	599
1967/68.....	9,082	0.83	7,547	2,672	7,044	5,654	1,737
1968/69.....	10,846	1.36	14,804	2,584	5,380	6,371	7,586
1969/70.....	9,486	1.11	10,546	2,540	7,374	8,047	7,545
1970/71.....	6,479	1.22	7,890	2,625	9,516	9,145	3,665
1971/72.....	7,138	1.21	8,606	2,899	8,670	7,788	1,584
1972/73.....	7,604	0.87	6,590	3,300	5,614	4,309	565
1973/74.....	8,948	1.34	11,987	3,781	5,432	6,789	1,982
1974/75.....	8,308	1.37	11,357	3,025	8,241	8,526	1,788
1975/76.....	8,555	1.40	11,982	2,478	7,871	8,515	2,777
1976/77 4).....	8,920	1.33	11,841	2,525	8,500	9,500	2,593
1977/78 5).....	10,500	1.05	11,000	2,860	9,500	9,000	1,733
			ARGENTINA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,695	1.31	6,151	3,865	2,573	2,477	1,360
1960/61-1964/65	4,720	1.52	7,165	3,647	2,642	3,071	1,415
1967/68 6).....	5,812	1.26	7,320	4,393	1,379	2,199	1,008
1968/69 7).....	5,837	0.98	5,740	3,794	2,742	2,494	850
1969/70.....	5,191	1.35	7,020	4,768	2,082	2,322	780
1970/71.....	3,701	1.33	4,920	4,056	1,625	969	675
1971/72.....	4,315	1.32	5,680	4,356	1,339	1,629	370
1972/73 8).....	4,965	1.39	6,900	4,261	3,352	3,193	269
1973/74.....	3,958	1.66	6,560	4,221	1,106	1,582	1,026
1974/75.....	4,233	1.41	5,970	4,470	2,165	1,784	742
1975/76.....	5,270	1.63	8,570	5,382	3,188	3,160	742
1976/77 4).....	6,428	1.71	11,000	4,742	5,650	6,000	1,000
1977/78 5).....	4,500	1.50	6,750	4,350	3,200	3,000	400
			TOTAL ABOVE THREE COUNTRIES				
AVERAGE							
1955/56-1959/60	17,888	1.31	23,395	10,154	13,051	13,275	19,971
1960/61-1964/65	21,957	1.37	30,114	9,835	19,721	20,505	15,399
1967/68.....	27,084	1.14	31,004	11,315	17,344	16,998	21,048
1968/69.....	28,591	1.34	38,233	10,864	16,832	17,188	31,619
1969/70.....	24,779	1.45	35,833	11,876	18,447	19,799	35,777
1970/71.....	15,232	1.43	21,834	11,331	23,791	21,960	24,320
1971/72.....	19,307	1.49	28,698	12,050	25,834	23,129	17,841
1972/73.....	21,209	1.32	28,004	12,325	24,593	23,194	10,779
1973/74.....	22,481	1.54	34,706	12,603	18,025	19,785	13,097
1974/75.....	21,476	1.43	30,622	12,102	21,592	21,049	10,568
1975/76.....	23,304	1.61	37,630	12,501	23,198	23,926	11,743
1976/77 4).....	26,600	1.75	46,428	12,318	27,050	28,950	16,903
1977/78 5).....	25,111	1.44	36,169	12,210	27,700	27,000	13,862

1) INCLUDES THE WHEAT EQUIVALENT OF FLOUR.
2) NET CHANGES IN FARM STOCKS FOR AUSTRALIA AND ARGENTINA ARE REFLECTED IN DOMESTIC DISAPPEARANCE.
3) IMPORTS OF 1 NEEDED TO BALANCE S&D.
4) PRELIMINARY.
5) PROJECTION.
6) IMPORTS OF 35 NEEDED TO BALANCE S&D.
7) IMPORTS OF 390 NEEDED TO BALANCE S&D.
8) IMPORTS OF 453 NEEDED TO BALANCE S&D.

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC UTILIZATION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			CORN (APRIL-MARCH)					
BRAZIL								
(66)1967/68 5)	9,274	1.38	12,824	10,950	665	945	483	4,010
(67)1968/69 7)	9,584	1.34	12,814	11,484	1,135	914	1,181	4,162
(68)1969/70 1)	9,654	1.31	12,693	13,926	554	979	610	2,320
(69)1970/71 1)	9,858	1.44	14,216	12,700	2,036	1,613	1,788	2,049
(70)1971/72 1)	10,550	1.34	14,130	13,239	593	343	948	1,993
(71)1972/73 7)	10,539	1.41	14,891	16,415	137	62	172	300
(72)1973/74. . .	9,908	1.42	14,109	13,567	27	872	42	800
(73)1974/75. . .	11,262	1.45	16,284	15,273	1,424	1,121	1,311	500
(74)1975/76. . .	10,800	1.51	16,354	15,586	1,353	1,315	968	300
(75)1976/77. . .	11,200	1.60	17,885	16,174	930	1,300	1,511	500
(76)1977/78. . .	11,800	1.59	18,800	17,200	1,200	900	1,300	800
(77)1978/79. . .	11,000	1.60	17,600	17,500			600	300
			CORN (APRIL-MARCH)					
ARGENTINA								
(66)1967/68...	3,450	2.32	8,000	3,828	3,186	2,503	4,153	33
(67)1968/69 1)	3,378	1.94	6,560	3,134	3,968	4,381	3,448	12
(68)1969/70...	3,556	1.93	6,860	3,124	4,346	4,673	3,740	8
(69)1970/71...	4,017	2.33	9,360	3,840	5,333	5,682	5,510	18
(70)1971/72 1)	4,066	2.44	9,930	2,817	4,801	3,792	6,436	696
(71)1972/73 1)	3,147	1.86	5,860	3,981	2,832	3,913	2,040	536
(72)1973/74...	3,565	2.52	9,000	3,892	5,105	5,195	5,066	578
(73)1974/75...	3,486	2.84	9,900	4,615	5,831	4,827	5,399	464
(74)1975/76...	3,070	2.51	7,700	3,897	2,593	2,674	3,517	750
(75)1976/77...	2,766	2.12	5,855	3,262	4,384	5,385	3,238	105
(76)1977/78 2)	2,683	3.28	8,800	3,800	4,400	3,900	5,000	105
(77)1978/79 3)	2,900	2.69	7,800	4,000			3,800	105
			CORN (MAY-APRIL)					
SOUTH AFRICA								
(66)1967/68...	4,589	2.13	9,762	4,471	3,107	3,447	2,899	3,074
(67)1968/69...	4,728	1.12	5,316	4,885	2,168	1,415	2,671	834
(68)1969/70 4)	4,387	1.22	5,340	5,008	1,096	1,511	796	873
(69)1970/71 5)	4,217	1.45	6,132	5,159	915	1,133	1,104	751
(70)1971/72 6)	4,402	1.95	8,600	5,173	2,829	2,912	2,555	1,625
(71)1972/73...	4,578	2.07	9,483	5,540	3,181	2,240	3,562	2,006
(72)1973/74...	3,611	1.15	4,160	5,544	371	1,230	157	465
(73)1974/75...	4,463	2.49	11,105	6,325	3,324	3,290	3,227	2,018
(74)1975/76...	4,488	2.04	9,140	6,388	3,181	2,797	3,206	1,564
(75)1976/77...	4,549	1.61	7,312	6,485	1,334	1,700	1,466	925
(76)1977/78 2)	4,453	2.14	9,530	6,605	3,000	2,900	2,900	950
(77)1978/79 3)	4,500	2.00	9,000	6,500			2,600	850
			CORN (JULY-JUNE)					
THAILAND								
(67)1967/68...	598	2.20	1,315	55	1,214	1,291	1,214	54
(68)1968/69...	606	2.49	1,507	104	1,289	1,298	1,289	168
(69)1969/70...	690	2.46	1,700	176	1,502	1,680	1,502	190
(70)1970/71...	749	2.59	1,938	220	1,663	1,470	1,663	245
(71)1971/72...	824	2.79	2,300	280	2,111	2,045	2,111	154
(72)1972/73...	997	1.32	1,320	300	1,039	1,505	1,039	135
(73)1973/74...	1,044	2.25	2,350	341	2,131	2,138	2,131	13
(74)1974/75...	1,082	2.26	2,450	450	1,979	1,947	1,979	34
(75)1975/76...	1,336	2.25	3,000	600	2,346	2,373	2,346	88
(76)1976/77 2)	1,400	1.93	2,700	699	2,040	2,000	2,040	49
(77)1977/78 3)	1,463	1.20	1,750	900	850	850	850	49

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC UTILIZATION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			GRAIN SORGHUM (APRIL-MARCH)					
ARGENTINA								
(66)1967/68 6)	764	1.81	1,380	980	409	413	404	11
(67)1968/69 7)	1,083	1.75	1,897	1,088	1,228	1,354	809	14
(68)1969/70 1)	1,302	1.91	2,484	1,136	1,461	1,624	1,354	9
(69)1970/71 1)	1,872	2.04	3,820	2,212	1,960	2,152	1,603	15
(70)1971/72 1)	2,235	2.09	4,660	2,249	1,141	719	2,215	212
(71)1972/73 1)	1,419	1.66	2,360	1,810	1,060	1,766	474	289
(72)1973/74...	2,131	2.16	4,600	2,243	2,776	3,191	2,420	226
(73)1974/75...	2,324	2.54	5,900	2,772	2,494	2,382	2,838	515
(74)1975/76...	1,938	2.49	4,830	2,375	2,612	3,026	2,370	600
(75)1976/77...	1,834	2.76	5,060	2,061	4,639	4,770	3,539	60
(76)1977/78 2)	2,230	2.78	6,200	2,000	3,700	3,800	4,200	60
(77)1978/79 3)	2,500	2.60	6,500	2,100			4,400	60
			GRAIN SORGHUM (APRIL-MARCH)					
AUSTRALIA								
(66)1967/68...	203	1.57	319	297	19	67	22	
(67)1968/69...	187	1.54	288	208	82	34	80	
(68)1969/70...	210	1.40	294	243	73	263	17	34
(69)1970/71...	359	1.52	547	268	517	862	278	35
(70)1971/72...	552	2.35	1,298	222	990	654	1,087	24
(71)1972/73...	638	1.92	1,228	500	712	703	692	60
(72)1973/74...	697	1.46	1,018	299	797	898	633	146
(73)1974/75...	540	1.96	1,061	115	856	901	984	108
(74)1975/76...	511	1.76	901	89	815	915	897	23
(75)1976/77...	504	2.23	1,124	82	828	750	972	93
(76)1977/78 2)	524	1.84	965	126	900	900	810	122
(77)1978/79 3)	475	2.00	950	116			850	106
			BARLEY (DECEMBER-NOVEMBER)					
AUSTRALIA								
(67)1967/68 8)	1,057	0.79	834	776	129	121	1,247	327
(68)1968/69 9)	1,341	1.23	1,646	1,007	451	508	549	450
(69)1969/70 10	1,521	1.12	1,699	976	641	703	684	501
(70)1970/71...	2,000	1.18	2,351	1,132	1,123	1,236	1,231	489
(71)1971/72...	2,535	1.21	3,065	1,422	1,844	1,732	1,770	362
(72)1972/73...	2,140	0.81	1,727	1,183	804	730	676	230
(73)1973/74...	1,894	1.27	2,398	1,249	809	1,056	1,168	211
(74)1974/75...	1,826	1.38	2,515	884	1,749	1,699	1,656	186
(75)1975/76...	2,329	1.36	3,179	857	1,954	2,237	2,231	277
(76)1976/77 2)	2,302	1.23	2,831	930	2,094	1,950	1,830	348
(77)1977/78 3)	2,800	1.11	3,100	970	2,000	2,100	2,200	278
			BARLEY (AUGUST-JULY)					
CANADA								
(67)1967/68...	3,287	1.67	5,505	4,685	1,059	739	838	2,850
(68)1968/69...	3,583	1.98	7,099	5,161	411	457	447	4,341
(69)1969/70...	3,787	2.13	8,084	6,463	1,179	2,014	1,497	4,465
(70)1970/71...	4,004	2.22	8,889	6,351	3,823	3,920	3,862	3,141
(71)1971/72...	5,657	2.32	13,099	7,944	4,174	4,573	4,468	3,828
(72)1972/73...	5,062	2.23	11,285	7,312	3,864	3,321	3,598	4,203
(73)1973/74...	4,839	2.11	10,224	7,306	2,663	2,577	2,583	4,538
(74)1974/75...	4,775	1.84	8,802	6,444	2,668	3,208	2,792	4,104
(75)1975/76...	4,468	2.13	9,520	6,704	4,161	4,306	4,156	2,764
(76)1976/77 2)	4,354	2.41	10,513	6,363	3,785	3,800	3,640	3,274
(77)1977/78 3)	4,646	2.33	10,821	6,374	3,700	3,700	3,700	4,021
			TOTAL OF ABOVE					
TOTAL								
(67)1967/68...	23,902	1.44	34,529	26,315	9,788	9,526	10,369	8,253
(68)1968/69...	24,639	1.54	37,923	29,709	10,732	10,359	8,802	8,203
(69)1969/70...	26,321	1.73	45,558	31,794	10,852	13,449	13,966	8,024
(70)1970/71...	28,558	1.81	51,796	31,403	17,370	18,068	19,997	8,425
(71)1971/72...	29,337	1.78	52,286	37,873	18,483	16,770	15,308	7,535
(72)1972/73...	28,111	1.68	47,219	34,523	13,629	14,240	13,448	6,783
(73)1973/74...	29,852	1.98	59,222	38,015	14,679	17,157	19,623	8,367
(74)1974/75...	28,490	1.85	52,683	36,160	20,325	19,375	17,413	7,561
(75)1975/76...	28,986	1.83	52,935	36,225	19,015	19,643	19,459	4,812
(76)1976/77 2)	29,746	2.03	60,339	37,723	20,034	21,655	21,720	5,708
(77)1977/78 3)	30,284	1.90	57,521	38,460	19,750	19,050	19,000	5,769

1) IMPORTS OF 1 NEEDED TO BALANCE S&D. 2) PRELIMINARY. 3) PROJECTION. 4) IMPORTS OF 503 NEEDED TO BALANCE S&D. 5) IMPORTS OF 9 NEEDED TO BALANCE S&D. 6) IMPORTS OF 2 NEEDED TO BALANCE S&D. 7) IMPORTS OF 3 NEEDED TO BALANCE S&D. 8) IMPORTS OF 16 NEEDED TO BALANCE S&D. 9) IMPORTS OF 33 NEEDED TO BALANCE S&D. 10) IMPORTS OF 12 NEEDED TO BALANCE S&D.

NOTE: YEARS IN PARANTHESES ARE "DESIGNATED PRODUCTION YEARS", USED FOR PURPOSES OF AGGREGATING WORLD CROPS. SEE FOOTNOTE 6 ON PAGE 2. SPLIT YEARS (EG. 1977/78) DENOTE LOCAL MARKETING YEARS.

WESTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC FOR FEED	UTILIZATION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	41.4	2.86	118.4	28.1	11.1	17.0	86.3	140.8	-5.4
1970/71	41.4	2.78	115.0	35.3	7.9	27.4	87.7	143.0	-0.6
1971/72	41.5	3.20	132.8	28.4	9.7	18.7	90.3	148.1	3.4
1972/73	41.4	3.21	132.9	30.1	11.9	18.2	94.4	152.3	-1.2
1973/74	41.0	3.29	134.8	48.1	26.2	21.8	96.0	154.4	2.3
1974/75	41.4	3.43	141.8	32.8	12.8	20.0	96.4	156.3	5.5
1975/76	40.6	3.20	130.0	31.0	14.7	16.4	93.3	152.5	-6.1
1976/77 3)	40.8	3.02	123.2	38.7	8.2	30.5	94.9	154.9	-1.3
1977/78 4)	40.0	3.44	137.8	33.0	11.7	21.4	96.3	157.3	1.9
WHEAT									
1969/70	17.4	2.60	45.2	8.6	7.0	1.6	13.7	51.2	-4.4
1970/71	17.1	2.56	43.8	11.1	3.8	7.3	14.3	51.7	-0.6
1971/72	17.1	3.00	51.3	8.0	4.5	3.5	13.9	51.6	3.2
1972/73	16.8	3.05	51.3	8.1	6.8	1.3	16.1	53.2	-0.6
1973/74	16.2	3.14	50.8	6.4	5.8	0.6	12.6	49.4	2.0
1974/75	16.7	3.39	56.7	6.2	8.3	-2.1	13.4	51.5	3.0
1975/76	15.4	3.15	48.5	6.4	9.6	-3.1	10.4	48.5	-3.2
1976/77 3)	16.5	3.09	50.8	4.5	5.0	-0.5	11.7	50.6	-0.3
1977/78 4)	15.1	3.33	50.4	6.7	6.4	0.3	12.0	50.7	0.1
COARSE GRAINS									
1969/70	24.0	3.05	73.2	19.5	4.1	15.4	72.6	89.6	-1.0
1970/71	24.3	2.93	71.2	24.2	4.1	20.1	73.4	91.3	0.0
1971/72	24.4	3.34	81.5	20.4	5.2	15.2	76.4	96.5	0.2
1972/73	24.6	3.32	81.6	22.0	5.1	16.9	78.3	99.1	-0.6
1973/74	24.8	3.39	84.1	26.8	5.5	21.3	83.4	105.0	0.3
1974/75	24.7	3.45	85.1	26.7	4.5	22.1	83.0	104.8	2.4
1975/76	25.2	3.23	81.5	24.6	5.1	19.5	82.9	104.0	-3.0
1976/77 3)	24.3	2.98	72.4	34.2	3.2	31.0	83.2	104.3	-1.0
1977/78 4)	24.9	3.51	87.3	26.3	5.3	21.0	84.3	106.6	1.8

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EUROPEAN COMMUNITY: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC FOR FEED	UTILIZATION TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	26.9	3.42	92.1	22.0	9.7	12.3	66.8	109.2	-4.8
1970/71	26.9	3.27	88.0	28.7	6.7	22.0	67.3	110.1	-0.1
1971/72	26.9	3.74	100.5	22.2	8.2	14.0	67.8	113.1	1.4
1972/73	26.9	3.84	103.3	22.9	10.1	12.8	71.1	116.6	-0.5
1973/74	26.7	3.97	105.8	23.2	10.5	12.7	71.3	117.2	1.3
1974/75	26.7	4.05	108.2	23.3	10.8	12.4	69.5	116.2	4.5
1975/76	26.3	3.70	97.3	22.5	12.8	9.8	67.1	113.4	-6.3
1976/77 3)	26.2	3.46	90.7	28.7	6.1	22.7	67.4	114.1	-0.8
1977/78 4)	26.1	4.04	105.7	21.9	10.0	11.9	67.9	115.3	2.3
WHEAT									
1969/70	11.1	3.22	35.7	7.1	6.0	1.1	12.1	40.8	-4.0
1970/71	10.9	3.18	34.7	9.5	3.4	6.1	12.4	40.8	0.0
1971/72	11.1	3.61	40.1	6.8	4.1	2.7	11.9	41.0	1.8
1972/73	11.1	3.74	41.5	7.0	6.0	1.0	14.3	42.8	-0.3
1973/74	10.8	3.82	41.4	4.9	5.2	-0.3	11.5	40.0	1.1
1974/75	11.2	4.04	45.4	5.0	6.9	-2.0	11.9	40.7	2.7
1975/76	10.5	3.64	38.1	5.5	8.4	-2.9	9.2	38.0	-2.8
1976/77 3)	11.2	3.52	39.5	3.4	3.7	-0.3	10.2	39.6	-0.4
1977/78 4)	10.3	3.97	40.8	5.2	5.5	-0.3	10.8	40.1	0.4
COARSE GRAINS									
1969/70	15.8	3.57	56.4	14.9	3.7	11.2	54.7	68.4	-0.8
1970/71	16.0	3.33	53.3	19.2	3.3	15.9	54.9	69.3	-0.1
1971/72	15.8	3.82	60.4	15.4	4.1	11.3	55.9	72.1	-0.4
1972/73	15.8	3.91	61.8	15.9	4.1	11.8	56.8	73.8	-0.2
1973/74	15.9	4.06	64.4	18.3	5.3	13.0	59.8	77.2	0.1
1974/75	15.5	4.05	62.8	18.3	3.9	14.4	57.6	75.5	1.7
1975/76	15.8	3.74	59.2	17.1	4.4	12.7	58.0	75.4	-3.5
1976/77 3)	15.0	3.41	51.1	25.4	2.4	23.0	57.3	74.5	-0.4
1977/78 4)	15.9	4.09	64.9	16.7	4.5	12.2	57.1	75.2	1.9

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS:
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR: FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EASTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	TOTAL USAGE 1)	STOCKS CHANGE 2)
TOTAL GRAINS								
1969/70	31.0	2.45	75.8	7.6	2.7	4.9	79.7	1.0
1970/71	29.4	2.27	66.7	10.3	2.4	7.9	76.3	-1.7
1971/72	30.3	2.71	82.0	10.3	1.5	8.8	91.1	-0.3
1972/73	30.4	2.87	87.4	9.8	2.4	7.4	95.0	-0.2
1973/74	29.6	2.95	87.2	9.4	4.5	4.9	91.7	0.4
1974/75	29.4	3.10	91.3	11.1	2.9	8.2	98.5	1.0
1975/76	29.6	2.97	87.8	11.6	4.2	7.4	96.0	-0.7
1976/77 3)	29.6	3.17	93.9	14.5	2.9	11.6	103.4	2.1
1977/78 4)	29.7	3.14	93.1	12.5	3.4	9.1	103.1	-0.9
WHEAT								
1969/70	10.9	2.34	25.5	4.7	1.3	3.4	28.5	0.4
1970/71	10.2	2.25	23.0	6.7	0.9	5.8	29.2	-0.4
1971/72	10.7	2.82	30.2	5.2	0.9	4.3	35.2	-0.7
1972/73	10.8	2.84	30.7	4.6	0.9	3.7	34.6	-0.2
1973/74	10.3	3.05	31.5	5.6	2.0	3.7	35.0	0.1
1974/75	10.6	3.22	34.0	4.7	1.7	3.0	35.9	1.2
1975/76	9.9	2.86	28.5	4.9	1.3	3.6	33.6	-1.6
1976/77 3)	10.3	3.36	34.5	6.1	1.5	4.7	38.3	0.9
1977/78 4)	10.1	3.36	33.8	5.2	1.6	3.6	37.9	-0.5
COARSE GRAINS								
1969/70	20.1	2.50	50.3	2.9	1.4	1.5	51.2	0.6
1970/71	19.2	2.28	43.7	3.6	1.5	2.1	47.1	-1.3
1971/72	19.6	2.64	51.8	5.1	0.6	4.5	55.9	0.4
1972/73	19.6	2.89	56.7	5.2	1.5	3.7	60.4	0.0
1973/74	19.2	2.90	55.7	3.8	2.5	1.3	56.7	0.3
1974/75	18.9	3.04	57.3	6.4	1.2	5.2	62.6	-0.2
1975/76	19.7	3.02	59.4	6.7	2.9	3.8	62.4	0.8
1976/77 3)	19.3	3.08	59.4	8.3	1.4	6.9	65.1	1.2
1977/78 4)	19.6	3.02	59.4	7.3	1.9	5.5	65.3	-0.5

1) UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS FOR THOSE COUNTRIES FOR WHICH NO STOCKS DATA ARE AVAILABLE.
2) INCLUDES YEAR-TO-YEAR FLUCTUATIONS ONLY FOR THOSE COUNTRIES/COMMODITIES FOR WHICH STOCK DATA ARE AVAILABLE.
3) PRELIMINARY.
4) PROJECTION.

SELECTED WORLD GRAIN PRICES, CIF ROTTERDAM 1/
(In U.S. dollars per metric ton)

	WHEAT			CORN	SORGHUM
	U.S. No. 2 Dark Northern Spring 14%	U.S. No. 2 Hard Winter 13½%	2/ Canadian Western Red Spring 13½%	U.S. No. 3 Yellow Corn	U.S. No. 2 Yellow Sorghum
1970/71 (July-June)	73.71	71.19	74.13	69.07	68.20
1971/72 (July-June)	69.74	66.69	72.42	57.01	60.80
1972/73 (July-June)	100.14	92.50	101.97	77.12	78.64
1973/74 (July-June)	202.95	200.35	214.40	132.90	127.20
1974/75 (July-June)	204.26	189.05	209.65	143.18	135.53
1975/76 (July-June)	187.15	177.70	195.12	128.80	122.50
1976/77 (July-June)	141.17	137.02	143.71	118.90	108.52
1974					
January	239.65	229.65	239.20	136.20	133.00
February	240.50	231.85	243.90	142.90	136.80
March	227.85	224.50	240.15	146.45	137.00
April	182.30	183.35	214.30	131.90	124.90
May	180.50	170.50	185.45	129.50	116.10
June	209.15	177.10	204.10	133.05	117.00
July	213.85	190.70	216.25	139.75	123.60
August	217.40	194.00	215.80	139.05	138.00
September	214.25	203.55	213.05	152.75	142.20
October	232.60	229.65	233.95	163.40	161.00
November	233.20	228.90	236.80	164.55	163.00
December	227.80	219.35	231.85	159.60	159.70
1975					
January	203.90	194.75	208.75	143.30	135.50
February	192.04	180.20	198.16	137.13	127.30
March	178.70	175.85	181.90	135.25	124.50
April	181.77	159.25	192.10	130.34	127.11
May	180.83	145.85	192.58	123.49	116.39
June	174.76	146.50	195.00	129.60	108.08
July	185.35	174.35	205.05	140.90	118.20
August	195.95	187.65	210.20	147.45	134.90
September	203.90	195.10	228.20	138.20	132.30
October	193.20	185.00	219.35	132.35	128.75
November	182.50	172.65	NA	121.68	122.05
December	187.45	166.50	NA	118.65	119.55
1976					
January	183.45	168.30	NA	118.54	118.50
February	194.90	183.10	NA	121.30	119.90
March	194.35	182.85	174.50 3/	122.05	120.25
April	174.35	175.55	166.32 3/	122.24	115.18
May	177.80	169.05	168.85 3/	129.35	119.60
June	181.30	172.20	188.50 3/	133.00	120.90
July	176.46	175.70	174.55 3/	133.80	121.05
August	158.15	159.45	158.10	128.10	117.30
September	148.40	149.50	155.00	132.25	119.55
October	138.25	138.90	145.00	119.95	113.45
November	137.30	130.84	140.70	108.80	105.90
December	139.00	131.80	136.77	111.10	107.70
1977					
January	145.50	134.85	143.60	123.00	111.20
February	147.75	133.30	146.00	123.90	112.35
March	134.30	131.80	135.40	117.15	104.80
April	130.15	130.00	133.10	115.45	100.10
May	126.71	120.85	133.54	116.42	96.50
June	114.82	113.79	126.89	102.70	91.92
July	111.20	116.15	121.48	95.75	89.20
August	109.80	115.85	116.85	87.22	87.02
September	**121.50**	**117.00**	**129.15**	**87.85**	**86.50**
September 6	**117.00**	**113.00**	**124.00**	**85.25**	**84.00**
13 4/	**120.50**	**110.00**	**128.50**	**88.00**	**85.75**
20	**121.00**	**110.15**	**128.60**	**87.25**	**85.50**
27	**124.00**	**119.00**	**131.00**	**87.50**	**87.50**
October 4	**126.25**	**120.00**	**133.00**	**87.50**	**87.50**
11 4/	**126.50**	**119.50**	**140.00**	**92.00**	**92.50**

1/ Hamburg Mercantile Exchange prices for Rotterdam. Averages: basis daily market quotes. 30 days delivery.
2/ Prior to September 1971 prices for No. 2 Manitoba Northern.
3/ Canadian No. 2 CWRS - 12.5 percent protein.
4/ Weekly Rotterdam prices for **September** and **October** as reported by U.S. Agricultural Attache, the Hague.

U.S.: TOTAL GRAINS
SUPPLY/DISTRIBUTION

	BEGINNING STOCKS	HARVESTED AREA	YIELD	PRODUCTION	IMPORTS	EXPORTS	FEED USAGE	TOTAL Utilization
	MILLION METRIC TONS/MILLION HECTARES							
TOTAL GRAINS								
1961/62	115.7	64.2	2.5	161.0	0.6	35.4	112.2	140.2
1962/63	101.7	59.7	2.7	159.3	0.3	33.2	108.5	136.9
1963/64	91.2	61.5	2.8	171.5	0.4	40.6	106.0	135.0
1964/65	07.5	60.1	2.6	157.4	0.3	39.4	104.6	133.6
1965/66	76.5	59.5	3.0	180.0	0.3	49.6	119.6	149.0
1966/67	58.2	60.3	3.0	180.4	0.3	41.4	118.3	148.0
1967/68	49.5	65.0	3.1	203.8	0.2	42.2	118.5	148.7
1968/69	62.6	62.1	3.2	197.7	0.2	31.5	127.1	157.2
1969/70	71.8	58.5	3.4	200.9	0.4	35.4	134.6	164.7
1970/71	73.0	58.3	3.1	183.0	0.3	39.1	131.8	162.6
1971/72	54.6	63.0	3.7	233.8	0.3	41.1	143.2	174.2
1972/73	73.4	57.5	3.9	224.0	0.4	70.2	147.5	100.0
1973/74	48.0	62.8	3.7	233.0	0.3	74.2	143.3	176.1
1974/75	31.0	67.7	2.9	199.3	0.6	63.6	107.0	140.1
1975/76	27.3	71.0	3.4	243.0	0.5	82.0	118.2	153.4
1976/77	35.5	72.5	3.5	251.5	0.4	76.3	115.1	150.8
1977/78	60.3	70.7	3.6	255.1	0.3	75.1	125.3	161.4
1978/79	79.2							
WHEAT								
1971/72	22.4	19.3	2.3	44.0	0.0	16.6	7.0	23.0
1972/73	26.8	19.1	2.2	42.0	0.0	30.8	5.5	21.7
1973/74	16.3	21.8	2.1	46.4	0.1	33.1	3.7	20.4
1974/75	9.2	26.5	1.8	48.9	0.1	27.7	1.9	18.6
1975/76	11.8	28.2	2.1	58.1	0.1	31.9	2.2	20.0
1976/77	18.1	28.7	2.0	58.4	0.1	25.9	3.1	20.6
1977/78	30.2	27.0	2.0	55.2	0.1	28.6	6.4	23.8
1970/79	33.1							
COARSE GRAINS								
1971/72	32.2	43.7	4.3	189.0	0.3	24.5	136.2	151.2
1972/73	46.6	38.4	4.7	182.0	0.4	39.4	142.0	158.0
1973/74	31.7	41.6	4.5	186.6	0.2	41.1	139.6	155.6
1974/75	21.8	41.1	3.7	150.5	0.5	35.9	105.1	121.4
1975/76	15.4	42.8	4.3	184.9	0.4	50.0	116.0	133.4
1976/77	17.4	43.9	4.4	193.1	0.3	50.5	112.0	130.2
1977/78	30.1	43.8	4.6	200.0	0.2	46.5	118.9	137.6
1978/79	46.2							
	MILLIBN BUSHELS/MILLION ACRES							
WHEAT								
1973/74	599	53.9	31.6	1705	3	1217	137	751
1974/75	339	65.6	27.4	1796	3	1018	71	685
1975/76	435	69.6	30.7	2135	2	1173	81	735
1976/77	664	70.8	30.3	2147	3	950	114	756
1977/78	1109	66.6	30.4	2027	2	1050	235	873
1978/79	1215							
CORN								
1973/74	709	61.9	91.2	5647	1	1243	4193	4631
1974/75	483	65.4	71.3	4664	2	1149	3191	3641
1975/76	359	67.2	86.3	5797	2	1711	3558	4049
1976/77	398	71.1	87.4	6216	2	1675	3550	4065
1977/78	876	69.5	90.7	6303	1	1550	3750	4280
1978/79	1350							
SORGHUM								
1973/74	73	15.9	58.5	930	0	234	702	708
1974/75	61	13.9	45.3	629	0	212	437	443
1975/76	35	15.5	49.0	760	0	229	508	514
1976/77	52	14.9	48.6	724	0	250	420	426
1977/78	100	14.1	54.7	771	0	225	460	466
1978/79	180							
BARLEY								
1973/74	192	10.5	40.2	422	9	93	239	384
1974/75	146	8.2	37.1	304	20	42	187	336
1975/76	92	8.7	44.1	384	16	24	192	339
1976/77	129	0.4	44.9	377	11	66	167	324
1977/78	127	9.6	42.2	405	10	60	180	344
1978/79	138							
OATS								
1973/74	461	14.1	47.3	667	0	57	675	763
1974/75	308	13.2	46.5	614	0	19	595	679
1975/76	224	13.6	48.4	658	1	14	574	661
1976/77	208	12.4	45.3	562	1	10	504	593
1977/78	160	14.4	52.7	759	0	10	540	630
1978/79	208							
RYE								
1973/74	39	1.0	26.3	26	0	28	10	23
1974/75	14	0.9	21.1	19	0	6	9	21
1975/76	7	0.8	22.5	18	1	1	9	20
1976/77	5	0.8	21.2	17	0	0	7	18
1977/78	5	0.0	22.9	18	0	0	8	18
1978/79	5							

NOTES: TOTAL GRAINS INCLUDE WHEAT, CORN, SORGHUM, BARLEY, OATS AND RYE.
COMMODITY YEARS AS FOLLOWS: JUNE/MAY - WHEAT, BARLEY, OATS AND RYE.
OCTOBER/SEPTEMBER - CORN AND SORGHUM.
DOES NOT INCLUDE CANADIAN TRANSSHIPMENTS; INCLUDES MAJOR PRODUCTS

U.S. RICE
SUPPLY/DISTRIBUTION
August/July Marketing Year

	Area Harvested	Yield	Rough Production	Beginning Stocks	Milled Production	Imports	Exports	Total Utilization 1/
	Thousand Metric Tons/Thousand Hectares							
1960/61	645	3.84	2477	395	1756	9	919	911
1961/62	643	3.82	2459	330	1763	13	936	997
1962/63	718	4.17	2996	173	2133	1	1119	937
1963/64	717	4.45	3188	251	2295	1	1385	917
1964/65	723	4.59	3318	245	2386	15	1387	1008
1965/66	725	4.77	3460	251	2497	22	1418	1081
1966/67	796	4.84	3856	271	2805	-	1719	1079
1967/68	797	5.09	4054	278	2950	-	1887	1119
1968/69	952	4.96	4723	222	3459	-	1819	1330
1969/70	861	4.84	4168	532	3003	7	1791	1215
1970/71	734	5.18	3801	536	2796	48	1474	1295
1971/72	736	5.28	3889	611	2837	36	1808	1304
1972/73	736	5.26	3874	372	2828	17	1733	1317
1973/74	878	4.79	4209	167	3035	7	1607	1347
1974/75	1026	4.97	5098	255	3667	-	2207	1483
1975/76	1134	5.12	5806	232	4077	-	1744	1390
1976/77	1012	5.24	5307	1175	3827	-	2105	1600
1977/78	891	5.10	4481	1299	3226	-	2113	1484
1978/79				928				
	Million Hundredweight/Million Acres							
1971/72	1.8	47.67	85.8	18.6	1.1		56.9	37.2
1972/73	1.8	47.44	85.4	11.4	.5		54.0	38.2
1973/74	2.2	42.18	92.8	5.1	.2		49.7	40.6
1974/75	2.5	44.96	112.4	7.8	-		69.5	43.6
1975/76	2.8	45.71	128.0	7.1	-		56.5	41.7
1976/77	2.5	46.79	117.0	36.9	-		64.5	49.7
1977/78	2.2	45.52	98.8	39.7	-		64.7	45.3
1978/79				28.5				

1/ Includes statistical discrepancy in Supply/Use Report.

SOURCE: Agricultural Supply Demand Estimate Report.

WORLD WHEAT S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1960/61	202.9	1.18	76.1	239.4	44.0	236.3
1961/62	202.4	1.12	79.2	226.4	47.2	238.2
1962/63	207.1	1.24	67.4	255.8	45.9	251.4
1963/64	206.7	1.15	71.8	237.9	58.4	245.4
1964/65	215.8	1.27	64.2	274.7	54.5	266.6
1965/66	216.2	1.22	72.3	264.3	60.7	282.5
1966/67	214.6	1.44	54.2	308.7	58.1	281.9
1967/68	219.3	1.36	81.0	297.3	53.5	289.8
1968/69	224.2	1.47	88.4	328.6	49.8	304.6
1969/70	217.9	1.42	112.4	309.9	55.2	326.9
1970/71	206.9	1.53	95.4	315.7	53.4	339.1
1971/72	212.8	1.64	72.0	348.2	55.6	341.4
1972/73	210.8	1.63	78.8	343.3	70.8	361.2
1973/74	216.5	1.72	61.0	371.6	72.6	363.5
1974/75	220.5	1.62	69.1	356.4	68.0	362.7
1975/76	225.8	1.55	62.6	349.3	73.1	352.2
1976/77 4)	232.0	1.78	59.6	412.4	63.6	375.7
1977/78 5)	228.2	1.69	96.3	385.9	74.9	394.0
1978/79 5)			88.2			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
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3) FOR COUNTRIS FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION , I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1960/61	336.3	1.36	92.9	456.1	26.1	445.5
1961/62	329.0	1.33	103.6	436.3	33.8	451.1
1962/63	328.2	1.40	88.7	459.8	32.6	461.9
1963/64	334.3	1.40	86.6	468.2	36.2	465.0
1964/65	332.5	1.42	89.8	472.9	37.9	479.8
1965/66	328.3	1.49	82.9	488.5	47.5	504.4
1966/67	329.8	1.57	67.1	517.7	43.0	516.8
1967/68	334.9	1.62	68.1	541.4	44.6	532.5
1968/69	334.9	1.63	77.0	545.7	39.8	541.7
1969/70	338.4	1.69	81.0	570.9	47.1	570.2
1970/71	339.6	1.68	81.7	569.1	53.3	585.7
1971/72	340.9	1.82	65.1	621.9	55.5	608.6
1972/73	338.0	1.78	78.4	602.7	69.0	620.5
1973/74	351.3	1.88	60.6	660.9	80.9	665.3
1974/75	349.2	1.78	56.2	620.4	69.5	624.2
1975/76	354.9	1.79	52.1	634.4	88.7	634.1
1976/77 4)	357.3	1.93	52.4	690.4	85.2	671.1
1977/78 5)	359.9	1.94	71.7	699.1	80.1	681.9
1978/79 5)			88.9			

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4) PRELIMINARY.
5) PROJECTION.

WORLD WHEAT & COARSEGRAIN S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1960/61	539.2	1.29	169.0	695.5	70.1	681.8
1961/62	531.4	1.25	182.8	662.7	81.0	689.3
1962/63	535.3	1.34	156.1	715.6	78.5	713.3
1963/64	541.0	1.31	158.4	706.1	94.6	710.4
1964/65	548.3	1.36	154.0	747.6	92.4	746.4
1965/66	544.5	1.38	227.5	752.8	108.2	786.9
1966/67	544.4	1.52	121.3	826.4	101.1	798.7
1967/68	554.2	1.51	149.1	838.7	98.1	822.3
1968/69	559.1	1.56	165.4	874.3	89.6	846.3
1969/70	556.3	1.58	193.4	880.8	102.3	897.1
1970/71	546.5	1.62	177.1	884.8	106.7	924.8
1971/72	553.7	1.75	137.1	970.1	111.1	950.0
1972/73	548.8	1.72	157.2	946.0	139.8	981.7
1973/74	567.8	1.82	121.6	1032.5	153.5	1028.8
1974/75	569.7	1.71	125.3	976.8	137.5	987.0
1975/76	580.7	1.69	114.6	983.6	161.8	986.3
1976/77 4)	589.3	1.87	112.0	1102.8	148.8	1046.8
1977/78 5)	588.1	1.85	168.0	1085.0	155.0	1075.9
1978/79 5)			177.1			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
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3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD RICE S & D 1)
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD 2)	PRODUCTION ROUGH	PRODUCTION MILLED	BEGINNING 3) STOCKS	TOTAL 4) EXPORTS	TOTAL 5) UTILIZATION
1966/67	125.3	2.12	265.1	179.4	10.1	7.4	180.9
1967/68	127.1	2.25	286.5	193.8	8.6	6.9	190.6
1968/69	128.3	2.25	289.0	195.4	11.8	6.8	192.2
1969/70	132.0	2.27	299.9	202.7	15.0	7.4	200.0
1970/71	131.4	2.35	309.3	209.0	17.7	8.0	208.1
1971/72	131.6	2.39	313.9	212.0	18.6	8.1	214.8
1972/73	130.9	2.31	302.9	204.7	15.8	8.1	209.7
1973/74	135.1	2.40	324.3	219.0	10.2	7.7	216.7
1974/75	137.2	2.40	330.0	222.9	12.5	7.6	223.4
1975/76	142.1	2.49	353.5	238.6	12.0	8.0	232.6
1976/77 6)	141.1	2.41	340.3	229.8	18.0	8.4	232.2
1977/78 7)	141.9	2.47	351.0	236.5	15.6	8.3	235.4
1978/79 7)					16.7		

1) PRODUCTION IS EXPRESSED ON BOTH ROUGH AND MILLED BASIS; STOCKS, EXPORTS AND UTILIZATION ARE EXPRESSED ON MILLED BASIS.
2) BASED ON ROUGH PRODUCTION.
3) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. COMPARARABLE DATA NOT AVAILABLE FOR YEARS PRIOR TO 1966/67.
4) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
5) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION , I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
6) PRELIMINARY.
7) PROJECTION.

WORLD TOTAL GRAINS S & D *
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1966/67	669.7	1.63	131.5	1004.3	108.5	978.2
1967/68	681.2	1.65	157.7	1031.2	105.0	1011.5
1968/69	687.4	1.69	177.3	1069.7	96.4	1038.5
1969/70	688.3	1.72	208.5	1083.4	109.8	1097.1
1970/71	677.8	1.76	194.8	1093.7	114.6	1132.8
1971/72	685.3	1.87	155.7	1182.0	119.2	1164.6
1972/73	678.8	1.84	173.1	1150.1	148.0	1191.5
1973/74	702.6	1.93	131.8	1251.5	161.2	1245.5
1974/75	707.0	1.85	137.7	1199.7	145.1	1210.4
1975/76	722.8	1.85	126.6	1222.3	169.8	1218.9
1976/77 4)	730.4	1.98	130.0	1332.7	157.2	1279.0
1977/78 5)	729.3	1.97	183.6	1321.5	163.3	1311.3
1978/79 5)			193.8			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED TO INCLUDE YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS. RICE STOCKS PRIOR TO 1966/67 ARE NOT AVAILABLE.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE AND CALENDAR YEAR TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION , I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

* NOTE: INCLUDES WHEAT, COARSE GRAINS, AND RICE. YIELD IS CALCULATED ON ROUGH (PADDY) BASIS. PRODUCTION, TRADE, AND UTILIZATION ARE EXPRESSED ON MILLED BASIS FOR RICE.

FOOTNOTES TO WORLD GRAIN SUMMARY TABLES
(TABLES ON PAGE 2, 4, and 5)

1) Wheat, wheat flour, corn, barley, oats, sorghum, and rye excluding products.

2) Argentina, Australia, Canada, Brazil, South Africa, and Thailand. Trade figures exclude South African wheat. Production figures exclude Brazilian and South African wheat.

3) Adjusted for transshipments through Canadian ports: Excludes products other than flour.

4) Wheat, rye, corn, barley, oats sorghum, millet, and mixed grains.

5) Production data include all harvests occurring within the July-June year indicated, except that small grain crops from the early harvesting Northern Hemisphere areas are "moved forward;" i.e., the May 1976 harvests in areas such as India, North Africa, and southern United States are actually included in "1976/77" accounting period which begins July 1, 1976.

6) "Bunker weight" basis; not discounted for excess moisture and foreign material.

7) Utilization data are based on an aggregate of differing local marketing years. For countries for which stocks data are not available (excluding the USSR) utilization estimates represent "apparent" utilization, i.e., they are inclusive of annual stock level adjustments.

8) Stocks data are based on aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as the People's Republic of China, and parts of Eastern Europe: The world stock levels have been adjusted for estimated year-to-year changes in the USSR grain stocks, but do not purport to include the entire absolute level of USSR stocks.

9) Inclusive of Soviet stock changes: See footnote 8.

10) Corn, barley, oats, sorghum, and rye, excluding products.

11) Corn, barley, oats, rye, sorghum, millet, and mixed grains.

Note: Projections included for the U.S. in all the tables are the levels agreed to in the latest agricultural supply-demand estimates report.

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EAST EUROPEAN GRAIN PRODUCTION AND TRADE

The East European grain crop in 1977 may yet be a record, as early-season conditions indicated, closely approximating last year's crop of 94 million metric tons. Excessive rainfall and wet conditions just before and during harvesting did have some adverse effect on the size of the crop, but were more detrimental to its quality.

East European grain imports in 1977/78 will, therefore, be higher than earlier estimated, but will still be about 2 million tons less than the 14.5 million tons imported in 1976/77 in part because of improved forage crops. Imports from the United States should be about the same as last year's.

With the rebuilding of animal inventories in all countries, East European grain exports are also expected to be less than earlier estimated, leaving a useable grain supply equal to or slightly above that available during 1976/77. The following tables provide statistical production and trade summaries for the area as a whole and a breakdown for each country.

Poland

Poland's 1977 grain crop particularly was affected by wet weather and will be off about 2 million tons from the earlier expected 22 million tons. Heavy rains in July and August caused extensive lodging and harvesting difficulties. Of all the grains, rye reportedly sustained the most damage since it is grown in the areas of lighter and poorer soils that received more of the excessive rainfall; because of the shortage of warm sunny days, only around 90,000 hectares of the 130,700 hectares seeded to corn will be harvested for grain.

The need for feed grains will be heavy this year in Poland. Animal inventories are rapidly recovering from the reductions following the short grain crop in 1975. In an attempt to prevent animal number reductions this year, Polish authorities have indicated a desire to maintain grain imports at around last year's level of 6 million metric tons; some 3.5 million tons may come from the United States, compared with around 2.4 million tons last year.

Grain agreements with Canada, France, and Sweden could account for at least 1.5 million tons. An additional 1.0-1.5 million tons are expected this year from the Soviet Union; Approximately 1 million tons of barley were received last year. However, if the USSR does not provide the expected quantities, Poland may need to purchase larger amounts from Western sources. Because of lower export prices in Argentina, some 850,000 tons of grain, mostly wheat, were purchased by Poland during 1976/77. Prices and credit arrangements will again be important factors in determining the sources of Poland's imports in 1977/78.

Poland is expected to decrease the area sown to potatoes, rye, and oats and expand wheat and barley area. The total grain area, which now equals 8.15 hectares, is expected to reach 8.5 million in the near future. The area in potatoes is projected to decrease by about 7 percent by 1980. Since potatoes are used extensively in Poland for livestock feed, a smaller potato crop will create a greater demand for grain for feed.

Czechoslovakia

Czechoslovakia's 1977 grain crop will probably be the second largest on record, approximating 10 million metric tons. Heavy rains and lodging of grain prior to harvesting resulted in some losses. Portions of some fields could not be harvested with heavy harvesting equipment because of the unusually wet conditions in some areas. Despite the adverse conditions, yields of small grains are estimated to be among the best ever achieved. The corn crop should reach at least a record 750,000 tons.

Grain import needs during 1977/78 are expected to be off at least 800,000 tons from last year's 2.5 million tons. Most of the estimated 1.7 million tons to be imported will be supplied by the traditional trading partners—USSR,

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Several Findings within this report are based upon Grain and Feed Division travel to Poland, Czechoslovakia, Hungary, and Romania conducted September 11-30, 1977.

Hungary, and Romania. Only small quantities of grain are expected to be purchased from Western sources. Of the 1 million tons of wheat purchased last year, 500,000 tons came from the United States.

The planned reduction in area sown to rye and oats in Czechoslovakia has been mostly realized. Therefore, the mix of grains currently sown is expected to continue. In an attempt to achieve self-sufficiency in grain production, some increases in the total grain area are expected. The area in potatoes, also large in Czechoslovakia, is expected to decline.

Hungary

The 1977 grain crop in Hungary could exceed the record 12.3 million tons produced in 1974. Total output last year was 11.3 million tons. A reported record crop of small grains has already been harvested and corn yields approaching the high level of 1975 are now expected. There is some uncertainty regarding the corn area that will finally be cut for grain, but according to some officials, it could be as much as 10 percent less than last year's 1,340,000 hectares. In any event, a corn crop of 6.3 million tons remains a possibility. Since good forage crops were harvested this year, a portion of the 250,000 hectares of corn planted for silage may be cut for grain.

Although a much higher grain crop is expected this year, exports are not expected to reach the normal level of 1.8-2.0 million tons. Because of the unusually short corn crop in 1976, Hungary was forced to import corn, of which some 34,000 tons came from the United States. With grain feeding in Hungary increasing because of the current initiative to expand and industralize hog and poultry production, much of the increase in production this year will be used to replenish domestic supplies and meet growing livestock needs.

Romania

The Romanian grain crop may not be as large as earlier anticipated; however, an above average crop of over 17 million tons will be harvested. This year's wheat crop reached a reported 6.4 million tons, less than the record 6.7 million produced in 1976, but still the second largest on record. The corn crop is not expected to reach the earlier estimated 10 million tons, but is now expected to be about 9.6 million tons. Dry weather in mid and late summer reduced possibilities of a larger corn crop.

Romania, a net grain exporter, is not expected to export significant quantities during 1977/78. In addition to growing domestic needs, some 15 to 20 percent of the record corn crop in 1976 was lost because of inadequate drying and storage facilities. The resulting tight supplies apparently even caused Romania to default on some corn export shipments last year. Livestock officials indicated that animal weight gains were adversely affected and that reproduction problems were experienced in trying to utilize the poor quality corn. On the import side, some milling quality wheat, corn, and sorghum may be purchased from the United States and other sources.

The trend in future grain production is to increase the area sown to corn and soybeans and to reduce barley and wheat area. Rye and oat production are already small in Romania. Since much of the wheat and barley currently competes for the very productive lands along the Danube River, a switch to corn might enhance total tonnage of grain, which is basic to expanding Romania's hog and poultry operations.

Yugoslavia

Yugoslavia is expected to harvest another good grain crop this year, approximating the record 16.2 million tons produced in 1976. The wheat crop will be less than last year's, largely because of a smaller planted area. The corn crop, however, could be a record this year, exceeding 1974's 9.4 million tons. Following a third good year in corn production, exports during 1977/78 are likely to be higher than the 1976/77 level of 400,000 tons.

German Democratic Republic

The GDR grain crop, at least in quantity, was apparently less affected by the late summer wetness than those in those north European areas. A crop between 8.8-9.0 million tons is expected in 1977, some 800,000 more than the drought-stricken 1976 crop. Grain imports, however, are estimated to continue at last year's level of around 4 million tons. Some 2.5 million tons may come from the United States, less than the nearly 3.0 million tons of last year.

Bulgaria

No significant change is expected in Bulgaria's 1977 grain crop from the near record 8 million metric tons produced in 1976. Only minimal amounts of grain will be traded during 1977/78.

EASTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	TOTAL USAGE 1)	STOCKS CHANGE 2)
TOTAL GRAINS								
1969/70	31.0	2.45	75.8	7.6	2.7	4.9	79.7	1.0
1970/71	29.4	2.27	66.7	10.3	2.4	7.9	76.3	-1.7
1971/72	30.3	2.71	82.0	10.3	1.5	8.8	91.1	-0.3
1972/73	30.4	2.87	87.4	9.8	2.4	7.4	95.0	-0.2
1973/74	29.6	2.95	87.2	9.4	4.5	4.9	91.7	0.4
1974/75	29.4	3.10	91.3	11.1	2.9	8.2	98.5	1.0
1975/76	29.6	2.97	87.8	11.6	4.2	7.4	96.0	-0.7
1976/77 3)	29.6	3.17	93.9	14.5	2.9	11.6	103.4	2.1
1977/78 4)	29.7	3.14	93.8	12.5	3.5	9.0	103.1	-0.3
WHEAT								
1969/70	10.9	2.34	25.5	4.7	1.3	3.4	28.5	0.4
1970/71	10.2	2.25	23.0	6.7	0.9	5.8	29.2	-0.4
1971/72	10.7	2.82	30.2	5.2	0.9	4.3	35.2	-0.7
1972/73	10.8	2.84	30.7	4.6	0.9	3.7	34.6	-0.2
1973/74	10.3	3.05	31.5	5.6	2.0	3.7	35.0	0.1
1974/75	10.6	3.22	34.0	4.7	1.7	3.0	35.9	1.2
1975/76	9.9	2.86	28.5	4.9	1.3	3.6	33.6	-1.6
1976/77 3)	10.3	3.36	34.5	6.1	1.5	4.7	38.3	0.9
1977/78 4)	10.1	3.36	34.1	5.2	1.6	3.6	37.9	-0.2
COARSE GRAINS								
1969/70	20.1	2.50	50.3	2.9	1.4	1.5	51.2	0.6
1970/71	19.2	2.28	43.7	3.6	1.5	2.1	47.1	-1.3
1971/72	19.6	2.64	51.8	5.1	0.6	4.5	55.9	0.4
1972/73	19.6	2.89	56.7	5.2	1.5	3.7	60.4	0.0
1973/74	19.2	2.90	55.7	3.8	2.5	1.3	56.7	0.3
1974/75	18.9	3.04	57.3	6.4	1.2	5.2	62.6	-0.2
1975/76	19.7	3.02	59.4	6.7	2.9	3.8	62.4	0.8
1976/77 3)	19.3	3.08	59.4	8.3	1.4	6.9	65.1	1.2
1977/78 4)	19.6	3.02	59.7	7.3	2.0	5.4	65.3	-0.3

1) CONSUMPTION ESTIMATES REPRESENT "APPARENT" CONSUMPTION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS FOR THOSE COUNTRIES FOR WHICH NO STOCKS DATA ARE AVAILABLE.
2) INCLUDES YEAR-TO-YEAR FLUCTUATIONS ONLY FOR THOSE COUNTRIES/COMMODITIES FOR WHICH STOCK DATA ARE AVAILABLE.
3) PRELIMINARY.
4) PROJECTION.

POLAND: GRAINS SUPPLY AND DEMAND
MARKETING YEARS 1973/74 - 1977/78

POLAND		AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC FOR FEED	CONSUMPTION TOTAL	IMP FR US
COMMODITY BY TIME PERIOD		1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS
WHEAT										
(73) 1973-74	(JUL-JUN)	1,962	2.96	300	5,807	1,775	---	---	7,212	273
(74) 1974-75	(JUL-JUN)	2,022	3.17	600	6,409	1,510	---	---	7,619	25
(75) 1975-76	(JUL-JUN)	1,842	2.83	900	5,207	1,722	---	---	7,729	751
(76) 1976-77	(JUL-JUN)	1,832	3.14	100	5,745	2,000	---	---	7,445	518
(77) 1977-78	(JUL-JUN)	1,834	3.05	400	5,600	2,100	---	---	7,700	1,100
(78) 1978-79	(JUL-JUN)	---	-	400	---	---	---	---	---	---
COARSE GRAINS										
(73) 1973-74	(JUL-JUN)	6,285	2.55	528	16,051	1,935	494	---	17,095	680
(74) 1974-75	(JUL-JUN)	6,084	2.72	925	16,568	2,250	114	---	18,862	912
(75) 1975-76	(JUL-JUN)	6,022	2.38	767	14,350	3,320	109	---	17,933	2,062
(76) 1976-77	(JUL-JUN)	5,936	2.55	395	15,141	3,950	140	---	17,946	1,800
(77) 1977-78	(JUL-JUN)	6,184	2.35	1,400	14,538	4,250	200	---	19,043	1,900
(78) 1978-79	(JUL-JUN)	---	-	945	---	---	---	---	---	---
TOTAL GRAIN										
(73) 1973-74	(JUL-JUN)	8,247	2.65	828	21,858	3,710	494	---	24,307	953
(74) 1974-75	(JUL-JUN)	8,106	2.83	1,525	22,977	3,760	114	---	26,481	937
(75) 1975-76	(JUL-JUN)	7,864	2.49	1,667	19,557	5,042	109	---	25,562	2,813
(76) 1976-77	(JUL-JUN)	7,768	2.69	495	20,886	5,950	140	---	25,391	2,318
(77) 1977-78	(JUL-JUN)	8,018	2.51	1,800	20,138	6,350	200	---	26,743	3,000
(78) 1978-79	(JUL-JUN)	---	-	1,345	---	---	---	---	---	---

NOTES: 1) Years in parentheses in the far left column represent the "world" production year. Thus (77) production data include all harvests occurring within the July-June 1977/78 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Projection. 4) Coarse grains include barley, corn, grain, sorghum, and millet.

CZECHOSLOVAKIA: GRAINS SUPPLY AND DEMAND
MARKETING YEARS 1973/74 - 1977/78

CZECHOSLOVAKIA	AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	IMP FR US
COMMODITY BY TIME PERIOD	1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS
WHEAT									
(73) 1973-74 (JUL-JUN)	1,235	3.76	---	4,646	1,000	---	---	5,646	---
(74) 1974-75 (JUL-JUN)	1,276	3.96	---	5,059	1,000	---	---	6,059	---
(75) 1975-76 (JUL-JUN)	1,183	3.55	---	4,202	1,000	---	---	5,202	---
(76) 1976-77 (JUL-JUN)	1,278	3.76	---	4,807	1,400	---	---	6,207	150
(77) 1977-78 (JUL-JUN)	1,270	3.78	---	4,800	1,100	---	---	5,900	---
(78) 1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---
COARSE GRAINS									
(73) 1973-74 (JUL-JUN)	1,546	3.24	---	5,011	420	20	---	5,411	46
(74) 1974-75 (JUL-JUN)	1,477	3.59	---	5,307	320	---	---	5,627	---
(75) 1975-76 (JUL-JUN)	1,550	3.28	---	5,078	550	---	---	5,628	146
(76) 1976-77 (JUL-JUN)	1,439	2.91	---	4,181	1,055	---	---	5,236	605
(77) 1977-78 (JUL-JUN)	1,463	3.55	---	5,200	400	---	---	5,600	150
(78) 1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---
TOTAL GRAIN									
(73) 1973-74 (JUL-JUN)	2,781	3.47	---	9,657	1,420	20	---	11,057	46
(74) 1974-75 (JUL-JUN)	2,753	3.77	---	10,366	1,320	---	---	11,686	---
(75) 1975-76 (JUL-JUN)	2,733	3.40	---	9,280	1,550	---	---	10,830	146
(76) 1976-77 (JUL-JUN)	2,717	3.31	---	8,988	2,455	---	---	11,443	755
(77) 1977-78 (JUL-JUN)	2,733	3.66	---	10,000	1,500	---	---	11,500	150
(78) 1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---

NOTES: 1) Years in parentheses in the far left column represent the "world" production year. Thus (77) production data include all harvests occurring within the July-June 1977/78 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Projection. 4) Coarse grains include barley, corn, grain sorghum, and millet.

HUNGARY: GRAINS SUPPLY AND DEMAND
MARKETING YEARS 1973/74 - 1977/78

HUNGARY	AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	IMP FR US
COMMODITY BY TIME PERIOD	1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS
WHEAT									
(73)1973-74 (JUL-JUN)	1,294	3.48	---	4,498	100	1,115	---	3,483	---
(74)1974-75 (JUL-JUN)	1,324	3.75	---	4,968	---	1,000	---	3,968	---
(75)1975-76 (JUL-JUN)	1,251	3.20	---	4,005	---	400	---	3,605	---
(76)1976-77 (JUL-JUN)	1,325	3.88	---	5,138	---	400	---	4,738	---
(77)1977-78 (JUL-JUN)	1,312	3.96	---	5,200	---	600	---	4,600	---
(78)1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---
COARSE GRAINS									
(73)1973-74 (JUL-JUN)	1,892	3.74	---	7,076	148	936	---	6,288	50
(74)1974-75 (JUL-JUN)	1,871	3.92	---	7,342	255	701	---	6,896	---
(75)1975-76 (JUL-JUN)	1,819	4.41	---	8,021	380	1,501	---	6,900	---
(76)1976-77 (JUL-JUN)	1,702	3.63	---	6,178	225	100	---	6,303	---
(77)1977-78 (JUL-JUN)	1,715	4.27	---	7,325	200	600	---	6,925	30
(78)1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---
TOTAL GRAIN									
(73)1973-74 (JUL-JUN)	3,186	3.63	---	11,574	248	2,051	---	9,771	50
(74)1974-75 (JUL-JUN)	3,195	3.85	---	12,310	255	1,701	---	10,864	---
(75)1975-76 (JUL-JUN)	3,070	3.92	---	12,026	380	1,901	---	10,505	---
(76)1976-77 (JUL-JUN)	3,027	3.74	---	11,316	225	500	---	11,041	---
(77)1977-78 (JUL-JUN)	3,027	4.14	---	12,525	200	1,200	---	11,525	30
(78)1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---

NOTES: 1) Years in parentheses in the far left column represent the "world" production year. Thus (77) production data include all harvests occurring within the July-June 1977/78 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Projection. 4) Coarse grains include barley, corn, grain sorghum, and millet.

ROMANIA: GRAINS SUPPLY AND DEMAND
MARKETING YEARS 1973/74 - 1977/78

ROMANIA	AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	IMP FR US
COMMODITY BY TIME PERIOD	1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS
WHEAT									
(73)1973-74 (JUL-JUN)	2,352	2.33	---	5,478	300	750	---	5,028	---
(74)1974-75 (JUL-JUN)	2,385	2.09	---	4,994	---	640	---	4,354	---
(75)1975-76 (JUL-JUN)	2,345	2.07	---	4,860	200	705	---	4,355	111
(76)1976-77 (JUL-JUN)	2,388	2.82	---	6,730	350	1,000	---	6,080	350
(77)1977-78 (JUL-JUN)	2,269	2.84	---	6,444	150	900	---	5,694	150
(78)1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---
COARSE GRAINS									
(73)1973-74 (JUL-JUN)	3,417	2.42	---	8,279	295	350	---	8,224	104
(74)1974-75 (JUL-JUN)	3,495	2.43	---	8,503	1,055	70	---	9,488	880
(75)1975-76 (JUL-JUN)	3,873	2.67	---	10,338	179	458	---	10,059	25
(76)1976-77 (JUL-JUN)	3,921	3.32	---	13,024	350	500	---	12,874	350
(77)1977-78 (JUL-JUN)	4,080	2.67	---	10,910	300	200	---	11,010	300
(78)1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---
TOTAL GRAIN									
(73)1973-74 (JUL-JUN)	5,769	2.38	---	13,757	595	1,100	---	13,252	104
(74)1974-75 (JUL-JUN)	5,880	2.30	---	13,497	1,055	710	---	13,842	880
(75)1975-76 (JUL-JUN)	6,218	2.44	---	15,198	379	1,163	---	14,414	136
(76)1976-77 (JUL-JUN)	6,309	3.13	---	19,754	700	1,500	---	18,954	700
(77)1977-78 (JUL-JUN)	6,349	2.73	---	17,354	450	1,100	---	16,704	450
(78)1978-79 (JUL-JUN)	---	-	---	---	---	---	---	---	---

NOTES: 1) Years in parentheses in the far left column represent the "world" production year. Thus (77) production data include all harvests occurring within the July-June 1977/78 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Projection. 4) Coarse grains include barley, corn, grain sorghum, and millet.

YUGOSLOVIA: GRAINS SUPPLY AND DEMAND
MARKETING YEARS 1973/74 - 1977/78

YUGOSLAVIA		AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC FOR FEED	CONSUMPTION TOTAL	IMP FR US
COMMODITY BY TIME PERIOD		1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS
WHEAT										
(73)1973-74	(JUL-JUN)	1,696	2.80	537	4,750	743	---	---	5,714	316
(74)1974-75	(JUL-JUN)	1,842	3.41	316	6,282	332	6	---	5,720	88
(75)1975-76	(JUL-JUN)	1,615	2.73	1,204	4,404	602	7	---	5,775	---
(76)1976-77	(JUL-JUN)	1,723	3.47	428	5,979	550	13	---	5,900	---
(77)1977-78	(JUL-JUN)	1,609	3.26	1,044	5,609	200	10	---	5,900	---
(78)1978-79	(JUL-JUN)	---	-	943	---	---	---	---	---	---
COARSE GRAINS										
(73)1973-74	(JUL-JUN)	3,064	3.05	1,241	9,356	90	559	---	9,285	2
(74)1974-75	(JUL-JUN)	2,935	3.17	843	9,309	105	98	---	9,358	69
(75)1975-76	(JUL-JUN)	3,086	3.42	720	10,569	8	293	---	9,176	---
(76)1976-77	(JUL-JUN)	2,980	3.42	1,828	10,200	---	420	---	9,630	---
(77)1977-78	(JUL-JUN)	2,937	3.51	1,978	10,620	---	610	---	9,710	---
(78)1978-79	(JUL-JUN)	---	-	2,278	---	---	---	---	---	---
TOTAL GRAIN										
(73)1973-74	(JUL-JUN)	4,760	2.96	1,778	14,106	833	559	---	14,999	318
(74)1974-75	(JUL-JUN)	4,777	3.26	1,159	15,591	437	104	---	15,078	157
(75)1975-76	(JUL-JUN)	4,701	3.19	1,924	14,973	610	300	---	14,951	---
(76)1976-77	(JUL-JUN)	4,703	3.44	2,256	16,179	550	433	---	15,530	---
(77)1977-78	(JUL-JUN)	4,546	3.42	3,022	16,229	200	620	---	15,610	---
(78)1978-79	(JUL-JUN)	---	-	2,559	---	---	---	---	---	---

NOTES: 1) Years in parentheses in the far left column represent the "world" production year. Thus (77) production data include all harvests occurring within the July-June 1977/78 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Projection. 4) Coarse grains include barley, corn, grain sorghum, and millet.

GERMAND DEMOCRATIC REPUBLIC: CRAINS SUPPLY AND DEMAND
MARKETINC YEARS 1973/74 - 1977/78

GERMAN DEMOCRATIC REPUBLIC		AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC FOR FEED	CONSUMPTION TOTAL	IMP FR US
COMMODITY BY TIME PERIOD		1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS
WHEAT										
(73) 1973-74	(JUL-JUN)	696	4.11	---	2,861	1,600	100	---	4,361	310
(74) 1974-75	(JUL-JUN)	729	4.33	---	3,154	1,500	26	---	4,628	10
(75) 1975-76	(JUL-JUN)	688	3.98	---	2,736	1,300	50	---	3,986	774
(76) 1976-77	(JUL-JUN)	762	3.56	---	2,715	1,700	50	---	4,365	600
(77) 1977-78	(JUL-JUN)	790	3.92	---	3,100	1,600	50	---	4,650	600
(78) 1978-79	(JUL-JUN)	---	-	---	---	---	---	---	---	---
COARSE GRAINS										
(73) 1973-74	(JUL-JUN)	1,682	3.35	---	5,641	911	268	---	6,284	292
(74) 1974-75	(JUL-JUN)	1,716	3.82	---	6,550	1,771	280	---	8,041	721
(75) 1975-76	(JUL-JUN)	1,824	3.39	---	6,175	2,080	231	---	8,024	1,755
(76) 1976-77	(JUL-JUN)	1,780	3.08	---	5,486	2,785	75	---	8,196	2,340
(77) 1977-78	(JUL-JUN)	1,727	3.42	---	5,902	2,200	75	---	8,027	1,900
(78) 1978-79	(JUL-JUN)	---	-	---	---	---	---	---	---	---
TOTAL GRAIN										
(73) 1973-74	(JUL-JUN)	2,378	3.58	---	8,502	2,511	368	---	10,645	602
(74) 1974-75	(JUL-JUN)	2,445	3.97	---	9,704	3,271	306	---	12,669	731
(75) 1975-76	(JUL-JUN)	2,512	3.55	---	8,911	3,380	281	---	12,010	2,529
(76) 1976-77	(JUL-JUN)	2,542	3.23	---	8,201	4,485	125	---	12,561	2,940
(77) 1977-78	(JUL-JUN)	2,517	3.58	---	9,002	3,800	125	---	12,677	2,500
(78) 1978-79	(JUL-JUN)	---	-	---	---	---	---	---	---	---

NOTES: 1) Years in parentheses in the far left column represent the "world" production year. Thus (77) production data include all harvests occurring within the July-June 1977/78 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Projection. 4) Coarse grains include barley, corn, grain sorghum, and millet.

BULGARIA: GRAINS SUPPLY AND DEMAND
MARKETING YEARS 1973/74 - 1977/78

BULGARIA		AREA HARVEST	YIELD	BEGINNING STOCKS	PRODUCTION	TOTAL IMPORTS	TOTAL EXPORTS	DOMESTIC CONSUMPTION FOR FEED	DOMESTIC CONSUMPTION TOTAL	IMP FR US
COMMODITY BY TIME PERIOD		1000 HECT	MT	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS	1000 MET TONS
WHEAT										
(73)1973-74	(JUL-JUN)	934	3.49	---	3,258	6	---	---	3,264	---
(74)1974-75	(JUL-JUN)	860	3.38	---	2,911	300	---	---	3,211	---
(75)1975-76	(JUL-JUN)	820	3.38	---	2,771	---	112	---	2,659	---
(76)1976-77	(JUL-JUN)	793	3.93	---	3,116	100	---	---	3,216	---
(77)1977-78	(JUL-JUN)	795	3.90	---	3,100	---	---	---	3,100	---
(78)1978-79	(JUL-JUN)	---	-	---	---	---	---	---	---	---
COARSE GRAINS										
(73)1973-74	(JUL-JUN)	1,148	3.51	---	4,025	20	200	---	3,845	---
(74)1974-75	(JUL-JUN)	1,063	3.15	---	3,351	715	---	---	4,066	179
(75)1975-76	(JUL-JUN)	1,294	3.55	---	4,596	246	440	---	4,402	246
(76)1976-77	(JUL-JUN)	1,326	3.69	---	4,897	100	200	---	4,797	100
(77)1977-78	(JUL-JUN)	1,326	3.68	---	4,881	100	200	---	4,781	100
(78)1978-79	(JUL-JUN)	---	-	---	---	---	---	---	---	---
TOTAL GRAIN										
(73)1973-74	(JUL-JUN)	2,082	3.50	---	7,283	26	200	---	7,109	---
(74)1974-75	(JUL-JUN)	1,923	3.26	---	6,262	1,015	---	---	7,277	179
(75)1975-76	(JUL-JUN)	2,114	3.48	---	7,367	246	552	---	7,061	246
(76)1976-77	(JUL-JUN)	2,119	3.78	---	8,013	200	200	---	8,013	100
(77)1977-78	(JUL-JUN)	2,121	3.76	---	7,981	100	200	---	7,881	100
(78)1978-79	(JUL-JUN)	---	-	---	---	---	---	---	---	---

NOTES: 1) Years in parentheses in the far left column represent the "world" production year. Thus (77) production data include all harvests occurring within the July-June 1977/78 year. Years shown without parentheses represent marketing years and refer to the 12 month period following harvest. 2) 1976/77-Preliminary. 3) 1977/78-Projection. 4) Coarse grains include barley, corn, grain sorghum, and millet.

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WORLD GRAIN SITUATION:
CROP AND TRADE DEVELOPMENTS

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TOTAL WHEAT AND COARSEGRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 OCT 20	1977/78 NOV 11
EXPORTS 1)						
SELECTED EXPORTERS 2)	34.3	43.0	43.8	49.3	48.3	49.1
WEST EUROPE	11.3	12.8	14.4	8.0	11.7	11.4
USSR	5.9	5.0	0.5	3.0	3.0	2.0
OTHERS	6.7	4.4	5.9	6.1	7.9	8.2
TOTAL NON-US	58.2	65.2	64.7	66.5	71.9	70.7
U.S 3)	75.6	62.4	78.0	77.3	74.6	79.7
WORLD TOTAL	133.7	127.6	142.7	143.7	146.4	150.5
IMPORTS						
WEST EUROPE	33.2	32.8	31.1	38.6	33.0	33.0
USSR	11.0	5.2	25.6	10.0	13.0	19.0
JAPAN	19.5	18.5	19.5	21.4	22.2	22.2
EAST EUROPE	9.4	11.1	11.6	14.5	12.5	13.6
OTHERS	60.7	59.9	54.9	59.2	65.6	62.6
WORLD TOTAL	133.7	127.6	142.7	143.7	146.4	150.5
(+ INTRA EC-9)	148.6	139.1	157.5	156.6	161.0	165.1
PRODUCTION 4) 5)						
SELECTED EXPORTERS 2)	109.1	95.6	105.2	122.2	108.4	105.4
WEST EUROPE	134.8	141.8	130.0	123.2	137.8	137.3
USSR 6)	210.7	183.5	132.0	211.9	200.0	180.0
EAST EUROPE	87.2	91.3	87.8	93.9	93.1	93.6
PRC	91.5	98.0	102.0	105.0	102.0	102.0
OTHERS	165.8	167.2	183.5	195.9	188.5	190.8
TOTAL NON-US	799.1	777.5	740.6	852.1	829.8	809.2
U.S.	233.0	199.3	243.0	251.5	255.2	257.0
WORLD TOTAL	1032.1	976.8	983.6	1103.6	1085.0	1066.2
UTILIZATION 4) 7						
WEST EUROPE	154.4	156.3	152.9	155.1	157.3	157.0
USSR 6)	200.8	192.8	170.2	202.9	207.0	205.0
PRC	99.1	104.1	104.1	108.0	111.6	111.6
OTHERS	397.9	393.6	405.9	429.2	438.5	435.6
TOTAL NON-US	852.3	846.7	833.0	895.2	914.4	909.2
U.S.	176.1	140.2	153.4	150.7	161.5	161.4
WORLD TOTAL	1028.4	987.0	986.4	1045.9	1075.9	1070.6
END STOCKS 4) 8)						
TOTAL FOREIGN 9)	94.2	88.0	76.4	109.4	98.0	89.4
USSR: STKS CHG	15.0	-9.0	-13.0	16.0	3.0	-8.0
US	31.0	27.1	35.4	60.1	79.1	75.7
WORLD TOTAL 9)	125.2	115.1	111.8	169.5	177.1	165.1

SEE FOOTNOTES PAGE 33

* TOTAL SOVIET GRAIN PRODUCTION IS CURRENTLY PROJECTED AT 194 MILLION METRIC TONS. THIS FIGURE INCLUDES RICE, PULSES AND OTHER MISCELLANEOUS GRAIN NOT INCLUDED IN THE ABOVE AGGREGATES.

* Based on analysis of past forecasting error and the judgment of reviewing analysts, the likelihood is at least two out of three that the final global production estimate for the total of wheat and coarse grains will not differ from this month's estimate by more than about 1 percent. However, for the world excluding both the U.S. and USSR, the chances are two out of three that the final production estimate will not differ from this estimate by less than 1 percent.

World Situation and Outlook for Grains

The prospects of near-record world grain production in 1977 appear to have changed further in light of continuing assessments of the effects of adverse weather during the harvest and periods immediately preceeding the harvest in some of the major wheat and coarse grain producing countries. In recent weeks the estimate of the 1977 crop outturn in the USSR has been reduced to 194 million metric tons--19 million tons below the Soviet's planned target of 213 million metric tons and about 21 million tons below USDA's earlier estimate. With the start of the wheat harvesting season in the Southern Hemisphere, it also appears that final grain production in Australia and Argentina will be far below forecasts made earlier and even below mid-October estimates. The 1977 total world wheat, coarse grain, and rice production is now forecast at 1,417 million metric tons, almost 19 million tons below the mid-October estimates and 2 percent less than the 1,444 million tons initially projected for the 1977/78 season in mid-July. The current production, if realized, also will be 2 percent under the record wheat, coarse grains, and rice harvest of 1,447 million tons achieved in 1976.

With weather conditions unchanged from last month's, the 350 million tons estimated for rough rice production in 1977/78 remains unchanged and will represent the second largest rice crop on record.

When initial forecasts of 1977/78 world production for total wheat and coarse grains were published in early May, reflecting what then appeared to be prospects for above-trend yields, an aggregate stocks buildup of about 35 million tons was indicated, including about 10 of wheat and 25 of coarse grains. By mid-September, a sizeable coarse grain stock buildup still appeared likely, though by then the amount had fallen from 25 to 17 million tons; for wheat, however, changed crop prospects eliminated the prospective stock buildup entirely. Thus, despite the peak

* *
* Based on analysis of past forecasting error and the judgment of *
* reviewing analysts, the likelihood is at least two out of three *
* that the final global production estimate for the total of wheat *
* and coarse grains will not differ from this month's estimate by *
* more than about 1 percent. However, for the world excluding both *
* the U.S. and USSR, the chances are two out of three that the *
* final production estimate will not differ from this estimate by *
* less than 1 percent. For rice this margin is estimated at about *
* 2 percent for total world production. *
* *

This circular prepared by the Grain & Feed Division, Foreign Commodity Analysis, Foreign Agricultural Service, USDA. Further information may be obtained by contacting the above division. Tel. (202) 447-2042

WORLD WHEAT AND WHEAT FLOUR:
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 OCT 20	1977/78 NOV 11
EXPORTS						
CANADA	11.5	11.2	12.1	12.9	15.0	15.5
AUSTRALIA	5.4	8.2	7.9	8.5	9.5	9.5
ARGENTINA	1.1	2.2	3.2	5.6	3.2	3.1
SUB-TOTAL	18.0	21.6	23.2	27.0	27.7	28.1
WEST EUROPE	5.8	8.3	9.5	5.0	6.4	6.4
USSR	5.0	4.0	0.5	1.0	2.0	2.0
OTHERS	2.7	2.0	1.6	2.6	4.3	4.3
TOTAL NON-US	31.5	35.9	34.8	35.7	40.4	40.8
U.S. 3)	31.1	28.0	31.5	25.4	28.3	29.7
WORLD TOTAL	62.6	63.9	66.3	61.1	68.7	70.4
IMPORTS						
WEST EUROPE	6.4	6.2	6.4	4.5	6.7	6.7
USSR	4.5	2.5	10.1	4.5	6.0	8.0
JAPAN	5.4	5.4	5.9	5.5	5.6	5.6
EAST EUROPE	5.6	4.7	4.9	6.1	5.2	5.6
PRC	5.6	5.7	2.2	3.1	9.5	9.5
OTHERS	35.1	39.5	36.8	37.4	35.7	35.0
WORLD TOTAL	62.6	63.9	66.3	61.1	68.7	70.4
(+ INTRA EC-9)	69.1	68.6	72.8	67.2	76.1	77.8
PRODUCTION 6)						
CANADA	16.2	13.3	17.1	23.6	18.4	18.4
AUSTRALIA	12.0	11.4	12.0	11.8	11.0	9.0
ARGENTINA	6.6	6.0	8.6	11.0	6.7	6.5
WEST EUROPE	50.8	56.7	48.5	50.8	50.4	50.4
USSR 7)	109.8	83.8	66.2	96.9	95.0	90.0
EAST EUROPE	31.5	34.0	28.5	34.5	33.8	34.4
INDIA	24.7	21.8	24.1	28.8	26.5	29.1
OTHERS	73.8	80.5	86.3	97.3	88.3	88.6
TOTAL NON-US	325.2	307.5	291.2	354.8	330.7	326.5
U.S.	46.4	48.9	58.1	58.4	55.2	55.2
WORLD TOTAL	371.6	356.4	349.3	413.2	385.9	381.6
UTILIZATION 8)						
U.S.	20.4	18.8	19.9	20.5	23.8	23.3
USSR 7)	95.3	93.3	87.8	88.4	96.0	99.0
PRC	40.0	42.7	42.2	46.1	49.5	49.5
OTHERS	207.7	207.9	202.3	219.7	224.7	222.6
WORLD TOTAL	363.5	362.7	352.2	374.7	394.0	394.5
ENDING STOCKS 8)						
TOTAL						
FOREIGN 9)	59.9	51.1	41.5	67.9	55.2	53.2
USSR: STKS CHG	14.0	-11.0	-12.0	12.0	0.0	-3.0
U.S.	9.2	11.7	18.1	30.2	33.1	32.2
WORLD TOTAL 9)	69.1	62.8	59.6	98.1	88.2	85.3

SEE FOOTNOTES PAGE 33

* Based on analysis of past forecasting error and the judgment of reviewing analysts, the likelihood is at least two out of three that the final global production estimate for the total of wheat and coarse grains will not differ from this month's estimate by more than about 1 percent. However, for the world excluding both the U.S. and USSR, the chances are two out of three that the final production estimate will not differ from this estimate by less than 1 percent.

WORLD COARSE GRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 OCT 20	1977/78 NOV 11
EXPORTS 10)						
CANADA	2.9	2.8	4.9	4.5	4.4	4.4
AUSTRALIA	1.9	2.9	3.2	3.4	3.1	2.7
ARGENTINA	8.4	8.5	5.3	9.5	8.6	8.6
S. AFRICA	0.5	3.5	3.4	1.4	3.1	3.1
THAILAND	2.3	2.2	2.5	2.2	1.0	1.0
BRAZIL	0.4	1.5	1.4	1.3	1.3	1.1
SUB-TOTAL	16.3	21.4	20.6	22.3	21.6	21.0
WEST EUROPE	5.5	4.5	4.9	3.0	5.3	5.0
USSR	0.9	1.0	0.0	2.0	1.0	0.0
OTHERS	4.0	2.4	4.4	3.5	3.6	3.9
TOTAL NON-US	26.7	29.4	30.0	30.8	31.5	29.9
U.S. 3)	44.5	34.3	46.5	51.8	46.3	50.1
WORLD TOTAL	71.1	63.7	76.4	82.6	77.8	80.0
IMPORTS						
WEST EUROPE	26.8	26.7	24.6	34.2	26.3	26.3
USSR	6.5	2.7	15.5	5.5	7.0	11.0
JAPAN	14.1	13.1	13.5	15.9	16.6	16.6
EAST EUROPE	3.8	6.4	6.8	8.3	7.3	8.0
OTHERS	20.0	14.8	16.0	18.7	20.5	18.1
WORLD TOTAL	71.1	63.7	76.4	82.6	77.8	80.0
(+ INTRA EC-9)	79.5	70.5	84.7	89.4	85.0	87.2
PRODUCTION 5) 11						
CANADA	20.4	17.4	20.0	21.2	21.1	21.1
AUSTRALIA	4.7	4.5	5.6	5.0	5.1	4.4
ARGENTINA	17.9	13.8	12.4	17.1	16.3	16.3
S. AFRICA	11.9	9.7	7.7	10.1	9.6	9.6
THAILAND	2.5	2.7	3.3	3.0	2.0	2.0
BRAZIL	16.9	16.9	18.5	19.4	18.2	18.2
WEST EUROPE	84.1	85.1	81.5	72.4	87.3	86.9
USSR 6)	101.0	99.7	65.8	115.0	105.0	90.0
EAST EUROPE	55.7	57.3	59.4	59.4	59.4	59.2
OTHERS	158.8	162.9	175.1	174.7	175.2	175.1
TOTAL NON-US	473.9	469.9	449.4	497.3	499.1	482.7
U.S.	186.6	150.5	184.9	193.1	200.0	201.9
WORLD TOTAL	660.5	620.4	634.4	690.4	699.1	684.6
UTILIZATION 7)						
U.S.	155.6	121.5	133.5	130.2	137.7	138.1
USSR 6)	105.5	99.4	82.4	114.5	111.0	106.0
PRC	59.1	61.4	61.9	61.9	62.1	62.1
OTHERS	344.6	342.0	356.5	364.5	371.1	370.0
WORLD TOTAL	664.9	624.2	634.2	671.2	681.9	676.2
END STOCKS 8) 11						
TOTAL						
FOREIGN 9)	34.3	36.9	34.9	41.5	42.8	36.3
(USSR: STKS CHG)	1.0	2.0	-1.0	4.0	0.0	-5.0
U.S.	21.8	15.4	17.4	29.9	46.1	43.6
WORLD TOTAL 9)	56.2	52.4	52.2	71.4	88.9	79.8

SEE FOOTNOTES PAGE 33

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harvest season, world price movements at that time had begun to show a definitely stronger tone for wheat, though not for coarse grains.

Currently, the total of wheat and coarse grain stocks suggests a drawdown of over 4 million tons compared to a May forecast of a 35 million ton buildup. Revised estimates point toward a buildup of more than 8 million tons of coarse grains, and world market prices have recently reflected this by following the upward tendency earlier noted for wheat. Current estimates for wheat, meanwhile, have shown an even further tightening of the world supply-demand belance in that the resultant net stocks change for 1977/78 now points to a drawdown of about 13 million tons, which represents a fairly significant margin of the previous year's exceptional buildup of nearly 40 million tons.

Compared with the very large buildup of about 58 million tons for total wheat and coarse grains which occurred in 1976/77, a drawdown of just over 4 million tons is modest and might not seem to warrant the general strengthening that has recently occurred in world grain prices. But there are several background factors which probably accentuate the significance of the drawdown. These are:

(1) aggregate yield data suggest that in global terms, 1977 has not been discernably below average from the standpoint of weather.

(2) current utilization estimates currently total 17 million tons higher than those forecast last May.

(3) a rather disappointing grain crop in the USSR, which in terms of usable grain was apparently over 25 million tons short of the official plan; having occurred in spite of the good growing conditions believed to have prevailed in large sections of the USSR grain area, this raises new questions as to the ability of the USSR to achieve plan levels of production under average weather conditions.

(4) despite world grain prices having been generally higher at 1977-crop preplanting time than they are now, there apparently occurred a rather significant decline of roughly 4 million hectares in grains area, the first since the pre-1973 era of deliberate, government-fostered planting restraints.

(5) it can be seen that if world grain crop weather in 1977 had been poor to such an extent as appears to occur about once in ten years, the drawdown in global grain stocks during 1977/78 could have been on the order of perhaps 25 to 30 million tons.

An interesting feature of the chronology of 1977/78 world grain balance forecasts is the contrast with 1976/77. In that year, the pre-season estimates published in late April reflected an expectation of slightly

below-average global yield, due mainly to poor planting conditions the previous fall for Northern Hemisphere winter grains, and a continuation of inadequate soil moisture conditions in many areas the following spring. On the other hand, subsequent months saw a continuing string of upward revisions of crop forecasts, as weather was favorable in almost all areas except parts of Europe. The pre-season global wheat-coarse grain crop forecast was 1,070 million tons, and the final outturn reached about 1,104 million; the pre-season stock buildup was forecast at 35 million tons, and what finally occurred was a buildup of about 57 million. Virtually all of these have been completely reversed in the chronology of 1977/78.

Another point of interest in the 1977/78 chronology of estimates is the situation of U.S. wheat and coarse grain carryout stocks as compared with the global total. The pre-season forecast of a 35 million ton global buildup included roughly a 10 million increase for the U.S. Currently, however, even though the global buildup of 35 has given way to a decline of 4 million, the anticipated buildup for the U.S. has actually increased to nearly 16 million tons, of which 14 million tons is coarse grains and 2 million tons is wheat.

Several additional items are relevant as regards the Soviet situation for 1977/78. There have been some indications that the final tally for the 1977 outturn may yet be revised upward marginally. In addition, while market news sources indicate that total USSR buying of foreign wheat and coarse grains on the world market in recent months may have already reached as much as 20 to 23 million tons, it is not clear how rapidly this will be shipped, and how much of it might move until after October 1, 1978, and conceivably even involve delays into early 1979. Tentative forecasts contained in this report reflect 19 and 22 million ton total import levels for the July-June and October-September years, respectively, with the portion estimated coming from the USA during the October-September period thus far placed at 15 million. At this stage, it seems somewhat doubtful that as much as 7 million tons could be secured from non-U.S. origins for the October-September period.

Wheat and Coarse Grains

Major developments in the world wheat and coarse grain situation since the last report of this series 1/ have been (1) a significant decrease in the world grain crop forecast (2) substantial adjustment in the wheat and coarse grain trade forecasts for several major exporting countries and (3) major revision in the estimate of grain import needs of the USSR and minor revisions for several other countries.

1/ The previous report in this series was Foreign Agriculture Circular, FG 21-77, World Grain Situation: 1977/78 Crop and Trade Development, October 20, 1977.

Crop Outlook

The single most significant recent crop development has been the change in the anticipated grain production in the USSR. It appears that weather and problems associated with completion of harvesting operations were worse than had been reported or expected earlier. The latest estimates of USSR grain production for 1977 show wheat and coarse grain outturn of 90 million tons each, down 5 million tons for wheat and 15 million tons for coarse grains from the previous estimate. Total grain production--including miscellaneous grains, rice, and pulses--is now placed at 194 million tons, down 21 million tons from the estimates of mid-October.

It is also noteworthy that with the exception of the United States, Canada, India, and the cumulative production in the member countries of the European Community, crop outturns have deteriorated in varying degrees from the initial prospects in nearly all other regions of the world.

The current 1,066 million ton estimate of 1977 world wheat and coarse grain production is 19 million tons below last month's forecast and 3 percent, or 37 million tons, below the record 1976 outturn of 1,104 million tons. At the current level, however, the 1977 production would still be the second largest crop on record.

Total wheat and coarse grain production in the European Community in 1977/78 is expected at 106 million tons, unchanged from the mid-October projection, but 15 million tons more than the drought reduced crop of nearly 91 million tons in 1976. Durum wheat production in 1977/78, estimated at 2.5 million tons is also down by about 1 million tons from last year's. Coarse grain production in 1977, primarily corn and barley, is also expected to rebound from the drought-induced levels in 1976 to 65 million tons in 1977. With good-to-excellent forage crops and no appreciable increase in demand for poultry and livestock feeds, indications are that coarse grain imports will be about 17 million tons, below last year's 25 million tons.

Prospects for Australian wheat and barley have continued to decline from the generally favorable outlook during planting season, due to the persistence of hot and dry conditions in the major grain areas throughout the growing seasons. The estimate for Australia's 1977 wheat crop, now forecast at 9 million tons, has been revised downward from the 11 million ton level estimated in mid-October. With the major portion of the harvesting period still at least a month away, it is, however, quite possible that the final outturn may differ somewhat from current forecasts. Since yield prospects for barley have also deteriorated from the rainfall shortage, barley outturn in 1977 is now estimated at 2.4 million tons, down 700,000 tons from the earlier estimate.

The estimates for Argentina's wheat crop have been reduced to 6.5 million tons, nearly 40 percent below last year's record outturn of 11 million tons. It appears that in addition to switching wheat lands into

other crops, yields on planted acreage will be far less as a result of the 6-month dry spell in Argentina's principal wheat-producing Provinces of Buenos Aires and La Pampa. Argentina's corn area is projected at 3.3 million hectares, 13 percent more than last year's and sorghum area at 3.0 million hectares, up 8 percent. Latest reports also indicate that Brazil's wheat production will be below 3 million tons, at least 200,000 tons under earlier expectations.

The overall performance of the summer monsoon in India was far better than that of 1976 and compared favorably with the excellent 1975 monsoon. Since then, Northern and Central India has enjoyed dry and sunny weather, thus facilitating the harvest of spring-sown crops. India's 1977 wheat crop estimates have been increased by nearly 3 million tons. Rains in late October in South India brightened prospects for the fall-sown crops.

East European grain production, up 500,000 tons from the previous estimate, will closely approximate last year's 94 million tons. Further reductions in the anticipated final Polish crop are more than offset by increases in crop estimates for southern East European countries, particularly corn and wheat output in Yugoslavia and Romania.

The forecast of 1977 world total grain harvested areas is about 2 million hectares less than last month's estimates and nearly 4 million hectares below last year's. The major change, however, is the projected decline in the aggregate yields to 1.81 tons per hectare from the 1.85 tons per hectare indicated for the past several months and 1.87 tons per hectare in 1976.

Trade Outlook

Recent declines in production estimates have caused significant increase in the forecast of world wheat and coarse grain trade. Global trade in 1977/78 (July-June) is forecast 4 million tons above the assessment in mid-October. Wheat trade is now projected at over 70 million tons--a record. Coarse grain trade is forecast at 80 million tons.

Among the major changes, on the demand side, is the prospect for substantially higher Soviet imports from all origins now estimated at 8 million tons of wheat and 11 million tons of coarse grains during the 1977/78 (July-June) season. East European wheat and coarse grain imports, now estimated at about 4 million tons is 1.1 million tons above the mid-October projections. This is largely because of an apparent increase in Polish import needs. Wheat import estimates have also been increased for Brazil (up 200,000 tons) and Pakistan (up 300,000 tons) reflecting recent decline in production estimates.

On the export side, the estimates for wheat exports from the United States and Canada have been raised by 1.4 million tons and 500,000 tons, respectively. By contrast, Argentina's estimated wheat exports have been reduced by 100,000 tons.

With the major exception of the USSR and Eastern Europe, very few and mostly minor upward adjustments have been made in the import estimates for coarse grains. On the export side, however, projected exports have been reduced for Australia (400,000 tons), Brazil (200,000 tons), and Western Europe (300,000 tons). These changes reflect lower export availabilities caused in part by reduced production prospects. In view of strengthened foreign demand, U.S. export estimate has been revised upward to 50.1 million tons, for both the July-June and aggregate U.S. marketing-year period. Corn will account for the bulk of the increase in the U.S. forecast.

World Rice Situation

Estimated world rice production in 1977/78 remains at slightly over 350 million tons, the second largest crop on record.* Conditions in major production areas have changed little in the past month, but several minor producers including Iran and Senegal have reported reduced crops in recent weeks. World trade in calendar 1978 is estimated at 8.2 million tons, an increase of 300,000 tons, while the estimate of calendar 1977 trade has been increased to 8.9 million tons.

Rice production estimates in India have recently been revised downward for both the 1975 and 1976 rice harvests. The 1976 harvest has been reduced slightly over 1 million tons to 64.2 million tons. Partially offsetting this decrease in world total 1976 production is a revised estimate for Thailand, up 300,000 tons.

The second rice crop harvested in Thailand in the spring of 1977 is now estimated to have yielded nearly 1.8 million tons, bringing total 1976/77 outturn to 15.8 million tons. This production increase somewhat explains the ample domestic supply of rice during a year of record export movement. Exports during calendar 1977 are currently estimated at 2.8 million tons. This increased export volume, more than double the original export goal of 1.1 to 1.4 million tons, is the result of record crop outturn, a stepped-up export program, and a reported sharp decrease in unreported border trade which had inflated estimated domestic utilization in past years. Thailand's exports in 1978 are currently projected to decline to 1.8 million tons primarily because of reduced crop prospects for the upcoming harvest.

Pakistan's 1977/78 rice crop is expected to be at least as good as last year's and will likely provide about 800,000 tons of rice for export in 1978. Burma's 1977 rice crop reportedly has experienced only minor difficulties due to weather and exports in 1978 are expected to remain at about 600,000 tons.

Rice production this year in the PRC is likely to be larger than during 1976, even with a reduction in last spring's crop, due to an expected good fall rice harvest. Exports in 1977 are forecast at about 500,000 tons, but the 1978 export level is expected to be somewhat larger and is currently forecast at about 800,000 tons. The PRC reportedly recently sold 300,000 tons of rice to Indonesia for delivery beginning before the end of 1977. The PRC and Sri Lanka are also reported to have extended the protocol whereby an annual barter agreement covers the exchange of rubber for 200,000 tons of rice from China. In recent years, however, most of the rice provided to Sri Lanka under this agreement has been from Burma and Thailand.

In recent weeks Indonesia is reported to have purchased about 1 million tons of rice from various origins, including Thailand, the PRC, Pakistan

*All production figures are on a paddy basis; trade and stocks are expressed on a milled basis.

and Burma. Delivery schedules are reported to include November arrivals, but the bulk of these purchases will arrive during the first quarter of 1978, traditionally a period of deficit in Indonesia prior to the major spring rice harvest. Production in 1977/78 is currently estimated to increase only marginally over the previous year's level, but may even be reduced somewhat due to reported dry conditions in several producing areas. Calendar 1978 rice imports are projected to reach 1.9 million tons, up 300,000 tons from the previous estimate and a new record level.

Iran's rice production is reported to be down somewhat from last year's level and imports of about 500,000 tons are expected again in 1978.

Imports by the European Community in 1978 could be as large as the estimated 1977 level of about 800,000 tons, but current indications point toward a slight reduction in total imports. Recent purchases of U.S. rough rice by Italy, if continued, could however increase U.S. export prospects in the European Community in 1978.

Estimated U.S. rice exports during the current August-July marketing year were recently increased to 2.2 million tons, reflecting strong U.S. sales early in the marketing year. Export committments for delivery during the current marketing year as of October 30 now total 1,109,000 tons. Markets showing strength for U.S. rice this year include Saudi Arabia, Nigeria, the Ivory Coast and the European Community, particularly West Germany and Italy.

WORLD RICE
PRODUCTION, TRADE AND STOCKS
(IN MILLIONS OF METRIC TONS)

	CY 1975	CY 1976	CY 1977	CY 1978 AS OF OCT 20	CY 1978 AS OF NOV 11
EXPORTS 2)					
AUSTRALIA	0.2	0.2	0.3	0.3	0.3
BURMA	0.3	0.6	0.6	0.6	0.6
ITALY	0.5	0.4	0.3	.3	.3
PAKISTAN	0.4	0.9	0.9	0.8	0.8
PRC	1.4	0.9	0.5	0.5	.8
THAILAND	1.0	1.9	2.8	1.6	1.8
ALL OTHERS	1.3	1.4	1.3	1.6	1.3
TOTAL NON-US	5.1	6.3	6.7	5.7	6.0
U.S.	2.1	2.0	2.2	2.2	2.2
WORLD TOTAL	7.2	8.4	8.9	7.9	8.2
IMPORTS 2)					
BANGLADESH	0.4	0.3	0.4	0.4	0.4
EC-9	0.6	0.9	0.8	0.7	0.7
HONG KONG	0.3	0.3	0.4	0.3	0.3
INDONESIA	0.7	1.3	1.5	1.6	1.9
IRAN	0.4	0.3	0.5	0.5	0.5
KOREA REP OF	0.4	0.2	0.1	0.0	0.0
MALAYSIA, WEST	0.1	0.2	0.3	0.2	0.2
PHILIPPINES	0.1	0.1	0.0	0.0	0.0
SINGAPORE	0.1	0.2	0.2	0.2	0.2
SRI LANKA	0.4	0.4	0.5	0.3	0.4
ALL OTHERS	3.6	4.2	4.3	3.5	3.4
WORLD TOTAL	7.2	8.4	8.9	7.9	8.2
	1974/75	1975/76	1976/77	1977/78 AS OF OCT 20	1977/78 AS OF
PRODUCTION 3)					
BANGLADESH	17.1	19.2	17.7	18.0	18.0
BURMA	8.6	9.2	9.3	9.5	9.5
INDIA	59.4	73.1	64.2	70.0	70.0
INDONESIA	22.5	22.3	23.3	23.5	23.5
JAPAN	15.4	16.5	14.7	16.2	16.2
KOREA REP OF	6.2	6.5	7.2	7.5	7.5
PAKISTAN	3.5	3.9	4.0	4.0	4.0
PRC	120.0	119.0	118.0	120.0	120.0
THAILAND	14.5	15.2	15.8	15.0	15.0
SUB-TOTAL	267.0	284.8	274.3	283.7	283.8
EC-9	1.1	1.0	0.9	.8	0.8
AUSTRALIA	0.4	0.4	0.5	0.5	0.5
ARGENTINA	0.4	0.3	0.3	0.3	0.3
BRAZIL	7.0	8.5	7.2	7.5	7.5
ALL OTHERS	49.0	51.8	51.4	53.5	53.0
TOTAL NON-US	324.9	347.0	334.7	346.5	346.0
U.S.	5.1	5.8	5.3	4.5	4.5
WORLD TOTAL	330.0	352.8	340.0	351.0	350.5
ENDING STOCKS 4)					
TOTL FOREIGN	11.7	16.8	14.3	15.8	15.4
U.S.	0.2	1.2	1.3	.9	0.8
WORLD TOTAL	12.0	18.0	15.6	16.7	16.2

1) PRODUCTION IS ON ROUGH BASIS; TRADE AND STOCKS ARE LISTED AS MILLED.
2) TRADE DATA ON CALENDAR YEAR BASIS.
3) THE WORLD RICE HARVEST STRETCHES OVER 6-8 MONTHS. THUS, 1976/77 PRODUCTION REPRESENTS THE CROP HARVESTED IN LATE 1976 AND EARLY 1977 IN THE NORTHERN HEMISPHERE AND THE CROP HARVESTED IN EARLY 1977 IN THE SOUTHERN HEMISPHERE.
4) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERENT LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS BURMA AND THE PEOPLE S REPUBLIC OF CHINA.

* The chances are 2 out of 3 that the final rice production estimate will not differ from the initial estimate by more than about 2 percent.

WORLD TOTAL GRAIN AREA 1)
(HARVESTED)
(IN MILLIONS OF HECTARES)

	1960 - 1972		1973	1974	1975	1976 2)	1977 AS OF OCT 20	1977 3) AS OF NOV 11
	HIGH (1968)	LOW (1961)						
SELECTED EXPORTERS 4)	53.9	41.9	51.6	48.7	50.6	54.2	53.3	53.6
USSR	114.3	115.6	118.2	119.1	120.1	120.3	122.0	122.0
PRC	74.0	71.9	76.0	77.1	78.4	78.6	78.6	78.6
WEST EUROPE	41.6	40.5	41.0	41.4	40.6	40.8	40.0	40.0
EAST EUROPE	31.0	32.1	29.6	29.4	29.6	29.6	29.7	29.6
BRAZIL	10.7	85.0	13.4	13.4	14.6	15.7	14.5	14.5
INDIA	61.9	57.5	65.5	61.5	61.8	62.7	63.4	64.0
OTHERS	109.8	23.2	108.9	111.9	113.9	115.7	115.1	115.0
TOTAL NON-US	497.2	467.7	504.2	502.5	509.7	517.6	516.6	517.4
UNITED STATES	62.1	64.2	63.6	67.9	71.0	72.2	70.8	70.9
WORLD TOTAL	559.3	531.9	567.8	570.4	580.7	589.8	587.5	588.3

TOTAL GRAIN YIELDS 1)
(BASED ON HARVESTED AREA)
(IN METRIC TONS PER HECTARE)

	1973	1974	1975	1976 2)	1977 AS OF OCT 20	1977 3) AS OF NOV
SELECTED EXPORTERS 4)	1.82	1.65	1.75	1.94	1.74	1.66
USSR	1.78	1.54	1.10	1.76	1.64	1.48
PRC	1.20	1.27	1.30	1.34	1.30	1.30
WEST EUROPE	3.29	3.43	3.20	3.02	3.44	3.43
EAST EUROPE	2.95	3.10	2.97	3.17	3.14	3.16
BRAZIL	1.40	1.47	1.37	1.42	1.48	1.46
INDIA	0.82	0.77	0.87	0.90	0.88	0.91
OTHERS	1.00	1.04	1.11	1.16	1.11	1.11
TOTAL NON-US	1.59	1.55	1.45	1.65	1.61	1.56
UNITED STATES	3.66	2.94	3.42	3.48	3.60	3.63
WORLD TOTAL	1.82	1.71	1.69	1.87	1.85	1.81

1) EXCLUDES RICE.
2) PRELIMINARY.
3) PROJECTION BASED ON CONDITIONS TO DATE.
4) ARGENTINA, AUSTRALIA, CANADA, SOUTH AFRICA AND THAILAND.

WORLD WHEAT AND FLOUR TRADE
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	14.9	14.8	8.9	8.7	9.0	11.5	13.7	15.6	11.5	11.2	12.1	12.9	15.5
AUSTRALIA	5.6	6.9	7.0	5.4	7.4	9.5	8.7	5.6	5.4	8.2	7.9	8.5	9.5
ARGENTINA	7.9	3.1	1.4	2.7	2.1	1.6	1.3	3.4	1.1	2.2	3.2	5.6	3.1
SUB-TOTAL	28.4	24.9	17.3	16.8	18.4	22.7	23.7	24.6	18.0	21.6	23.2	27.0	28.1
WEST EUROPE	5.0	4.6	5.3	5.1	7.0	3.7	4.5	6.8	5.8	8.3	9.5	5.0	6.4
EAST EUROPE	0.9	1.7	2.3	2.0	1.3	0.9	0.9	0.9	2.0	1.7	1.3	1.5	1.6
USSR	2.6	4.4	5.3	5.8	6.4	7.2	5.8	1.3	5.0	4.0	0.5	1.0	2.0
OTHERS	1.2	0.7	0.6	0.6	0.8	0.3	0.6	1.9	0.7	0.3	0.3	1.1	2.7
TOTAL NON-US	38.1	36.2	30.9	30.4	33.9	34.8	35.5	35.6	31.6	35.9	34.8	35.7	40.8
UNITED STATES	23.4	20.0	20.2	14.7	16.5	19.9	16.9	31.8	31.1	28.0	31.5	25.4	29.7
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	66.3	61.1	70.4
IMPORTS													
JAPAN	3.5	4.3	4.0	4.2	4.4	4.8	5.0	5.5	5.4	5.4	5.9	5.5	5.6
WEST EUROPE	9.9	9.7	7.8	8.6	8.6	11.0	7.9	8.1	6.4	6.1	6.4	4.5	6.7
EAST EUROPE	7.2	5.4	4.9	4.3	4.7	6.7	5.2	4.6	5.6	4.7	4.9	6.1	5.6
USSR	8.5	3.1	1.5	0.2	1.1	0.5	3.5	15.6	4.5	2.5	10.1	4.5	8.0
PRC	6.3	5.0	4.2	3.5	5.1	3.7	3.0	5.3	5.6	5.7	2.2	3.1	9.5
SUB-TOTAL	35.5	27.4	22.4	20.8	24.0	26.7	24.6	39.1	27.6	24.4	29.5	23.7	35.4
AFRICA 1)	3.7	5.2	5.4	3.7	3.9	5.1	5.2	5.1	6.9	7.1	8.0	8.2	9.5
L. AMERICA 2)	3.9	4.6	5.1	4.3	3.9	3.9	4.4	6.2	6.4	5.1	6.3	5.4	7.3
WEST ASIA 3)	1.2	2.0	1.7	1.8	2.4	2.8	4.6	2.0	3.3	4.8	2.6	3.7	4.8
SOUTH ASIA 4)	9.1	9.1	9.3	5.4	5.4	4.4	4.8	5.8	7.5	10.8	10.8	6.0	3.8
OTHER ASIA 5)	1.5	1.4	1.9	2.3	2.8	3.0	3.1	3.0	2.9	2.7	2.5	3.4	3.4
OTHERS	6.4	6.4	5.3	6.6	8.0	8.9	5.7	6.0	8.2	8.9	6.5	10.8	6.3
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.9	66.3	61.1	70.4

1) ALGERIA, EGYPT, LIBYA, MOROCCO, NIGERIA, SUDAN AND TUNISIA.
2) MEXICO, BRAZIL, CHILE, COLOMBIA, PERU AND VENEZUELA.
3) IRAN, IRAQ, ISRAEL, JORDAN, LEBANON, SAUDI ARABIA, SYRIA AND TURKEY.
4) BANGLADESH, INDIA, INDONESIA, PAKISTAN AND SRI LANKA.
5) REP. OF KOREA, PHILIPPINES AND TAIWAN.

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
DATA EXCLUDE INTRA EC-9 TRADE; U.S. DATA ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WHEAT AND WHEAT FLOUR
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
ALGERIA	401	934	664	700	275	646	885	646	1,585	1,500	1,663	1,289	1,200
EGYPT	2,344	2,498	2,782	1,940	2,220	2,527	2,670	3,040	3,180	3,490	3,800	4,100	4,400
LIBYA	149	157	184	215	208	234	274	240	288	300	310	450	350
MOROCCO	359	1,012	960	264	255	645	653	461	1,040	1,105	1,235	1,022	1,900
NIGERIA	140	170	130	144	244	385	350	397	326	342	519	710	800
SUDAN	148	209	215	196	119	244	143	93	182	120	176	182	220
TUNISIA	199	256	433	263	539	381	229	237	290	285	301	470	630
SUB-TOTAL	3,740	5,236	5,368	3,722	3,860	5,062	5,204	5,114	6,891	7,142	8,004	8,223	9,500
WEST HEMISPHERE													
MEXICO	7	1	1	1	49	5	409	650	790	832	1	0	900
BRAZIL	2,321	2,637	3,029	2,384	2,070	1,795	1,603	2,942	2,682	1,728	3,705	2,696	3,400
CHILE	311	641	462	350	196	465	540	910	1,126	768	788	735	900
COLOMBIA	236	199	273	256	217	350	446	278	472	339	339	380	400
PERU	501	550	624	564	635	658	663	825	744	858	825	850	950
VENEZUELA	556	591	698	771	753	594	773	635	599	540	671	740	780
SUB-TOTAL	3,932	4,619	5,087	4,326	3,920	3,867	4,434	6,240	6,413	5,065	6,329	5,401	7,330
ASIA													
IRAN	143	220	51	1	1	103	1,116	736	600	1,650	252	1,200	1,500
IRAQ	6	126	315	70	87	156	889	13	549	750	500	700	1,400
ISRAEL	233	269	282	425	470	475	438	282	363	350	492	462	410
JORDAN	126	172	114	148	125	127	123	181	193	170	200	250	275
LEBANON	260	336	399	289	297	436	448	265	404	298	346	363	210
SAUDI ARABIA	200	240	182	140	290	320	350	310	317	350	567	465	350
SYRIA	70	345	283	193	251	612	698	215	233	191	222	235	625
TURKEY	132	258	45	551	881	568	555	27	607	1,018	20	0	0
SUB-TOTAL	1,170	1,966	1,671	1,817	2,402	2,797	4,617	2,029	3,266	4,777	2,599	3,675	4,770
BANGLADESH	0	0	0	0	0	0	1,071	2,176	1,608	2,057	1,650	480	800
INDIA	7,645	6,576	6,533	3,801	3,039	2,309	1,609	1,014	3,644	5,656	6,660	3,562	300
INDONESIA	20	40	170	335	685	455	487	686	576	846	834	1,025	1,064
PAKISTAN	1,236	1,759	2,131	756	1,085	1,075	1,027	1,359	999	1,574	1,025	373	900
SRI LANKA	238	742	513	558	563	576	610	561	668	700	638	526	700
SUB-TOTAL	9,139	9,117	9,347	5,450	5,372	4,415	4,804	5,796	7,495	10,833	10,807	5,966	3,764
REP. OF KOREA	600	654	859	1,117	1,670	1,750	1,848	1,779	1,627	1,577	1,445	1,993	1,950
PHILIPPINES	502	494	653	588	560	568	689	613	524	503	550	775	800
TAIWAN	384	264	406	575	580	687	541	657	705	626	527	600	620
SUB-TOTAL	1,486	1,412	1,918	2,280	2,810	3,005	3,078	3,049	2,856	2,706	2,522	3,368	3,370
TOTAL	19,467	22,350	23,391	17,595	18,364	19,146	22,137	22,228	26,921	30,523	30,261	26,633	28,734

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
YEARS BEGINNING JULY 1

WORLD COARSEGRAIN TRADE 1)
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
EGYPT	256	114	269	15	64	76	48	130	450	460	500	700	650
LIBYA	17	19	53	48	74	151	121	143	74	125	125	125	125
TANZANIA	15	7	4	0	47	0	43	114	161	291	200	56	100
ZAIRE	72	81	38	95	60	85	95	85	150	180	200	232	205
SUB-TOTAL	360	221	364	158	245	312	307	472	835	1,056	1,025	1,113	1,080
WEST HEMISPHERE													
MEXICO	146	77	114	52	439	571	118	873	1,909	2,806	1,992	2,308	2,396
CHILE	40	68	134	212	250	352	275	318	146	132	63	45	30
VENEZUELA	34	25	1	232	117	392	278	629	743	670	639	1,030	900
SUB-TOTAL	220	170	249	496	806	1,315	671	1,820	2,798	3,608	2,694	3,383	3,326
ASIA													
HONG KONG	96	86	117	141	176	158	163	137	150	160	160	160	150
IRAN	5	1	33	71	24	23	276	105	200	415	473	680	900
IRAQ	0	0	0	0	1	1	250	0	0	0	0	30	140
ISRAEL	444	636	647	582	792	735	828	923	968	1,125	1,123	1,175	1,115
LEBANON	141	96	154	110	138	136	213	165	143	170	145	145	175
INDIA	1,163	2,237	1,314	56	314	16	23	480	1,055	446	721	0	0
REP. OF KOREA	112	30	225	298	251	414	624	884	699	998	724	1,400	2,200
MALAYSIA	52	63	68	102	124	169	197	256	229	237	345	377	409
PHILIPPINES	22	37	14	22	11	30	166	116	90	159	54	141	150
TAIWAN	63	83	284	442	580	878	1,353	1,691	1,510	1,195	2,122	2,135	2,200
SUB-TOTAL	2,098	3,269	2,856	1,824	2,411	2,560	4,093	4,757	5,044	4,905	5,867	6,243	7,439
TOTAL	2,678	3,660	3,469	2,478	3,462	4,187	5,071	7,049	8,677	9,569	9,586	10,739	11,845

1) CORN, SORGHUM, BARLEY, OATS AND RYE.

NOTE: DATA EXCLUDE PRODUCTS; TRADE YEARS BEGINNING JULY 1

WORLD COARSEGRAIN TRADE 1)
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	1.2	1.3	1.2	0.6	1.4	4.2	4.6	4.2	2.9	2.8	4.9	4.5	4.4
AUSTRALIA	0.5	0.9	0.4	0.9	0.9	2.2	3.2	1.6	1.9	2.9	3.2	3.4	2.7
ARGENTINA	3.8	6.5	4.0	5.6	6.0	7.6	6.2	4.2	8.4	8.5	5.3	9.5	8.6
S. AFRICA	0.6	0.9	3.3	2.4	1.1	1.1	3.1	3.3	0.5	3.5	3.4	1.4	3.1
THAILAND	1.2	1.3	1.3	1.3	1.6	1.8	2.3	1.1	2.3	2.2	2.5	2.2	1.0
BRAZIL	0.6	0.6	0.7	1.2	0.6	2.0	0.6	0.5	0.4	1.5	1.4	1.3	1.1
SUB-TOTAL	7.9	11.5	10.9	12.0	11.6	18.9	19.9	15.0	16.3	21.4	20.6	22.3	21.0
WEST EUROPE	2.2	2.6	2.7	3.2	4.1	4.1	5.2	5.1	5.5	4.5	4.9	3.0	5.0
EAST EUROPE	1.2	1.7	2.0	1.5	1.4	1.5	0.6	1.4	2.5	1.2	2.9	1.4	2.2
USSR	2.2	0.8	1.0	1.1	1.1	1.1	0.9	0.4	0.9	1.0	0.0	2.0	0.0
OTHERS	2.9	2.2	2.3	2.8	1.8	1.3	1.3	1.8	1.5	1.2	1.5	2.1	1.7
TOTAL NON-US	16.4	18.9	18.9	20.6	19.9	26.9	28.0	23.8	26.7	29.4	30.0	30.8	29.9
UNITED STATES	25.4	20.9	19.7	16.0	19.2	19.4	20.8	35.6	44.5	34.3	46.5	51.8	50.1
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.4	82.6	80.0
IMPORTS													
JAPAN	5.2	7.2	7.7	8.5	10.0	10.5	10.3	12.0	14.1	13.1	13.5	15.9	16.6
WEST EUROPE	25.3	24.0	22.9	19.6	19.5	24.1	20.4	22.0	26.8	26.7	24.6	34.2	26.3
EAST EUROPE	3.9	2.0	2.5	2.7	2.9	3.6	4.9	5.1	3.8	6.4	6.8	8.3	8.0
USSR	0.0	0.2	0.4	0.5	0.1	0.3	4.3	6.9	6.5	2.7	15.5	5.5	11.0
PRC	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.8	2.1	0.5	0.0	0.0	0.2
SUB-TOTAL	34.5	33.4	33.6	31.3	32.6	38.4	40.4	46.9	53.2	49.5	60.5	63.9	62.1
AFRICA 2)	0.4	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.0	1.1	1.1
L. AMERICA 3)	0.2	0.2	0.2	0.5	0.8	1.3	0.7	1.8	2.8	3.6	2.7	3.4	3.3
ASIA 4)	2.1	3.3	2.9	1.8	2.4	2.6	4.1	4.8	5.0	4.9	5.9	6.2	7.4
OTHERS	4.7	2.7	1.6	2.8	3.1	3.6	3.3	5.4	9.2	4.7	6.4	8.0	6.0
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	71.1	63.7	76.4	82.6	80.0

1) CORN, SORGHUM, BARLEY, OATS AND RYE.
2) EGYPT, LIBYA, TANZANIA AND ZAIRE.
3) CHILE, MEXICO AND VENEZUELA.
4) HONGKONG, INDIA, IRAN, IRAQ, ISRAEL, REP. OF KOREA, PHILIPPINES, LEBANON, MALAYSIA AND TAIWAN.

NOTE: DATA EXCLUDE PRODUCTS; INTRA EC-9 TRADE EXCLUDED; ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WHEAT: SUPPLY AND DISAPPEARANCE
CANADA, AUSTRALIA AND ARGENTINA
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC USE	EXPORTS 1) JULY-JUNE	EXPORTS 1) MRKT YEAR	END STOCKS 2) MRKT YEAR
			CANADA (MARKETING YEAR AUG/JULY)				
AVERAGE							
1955/56-1959/60	9,187	1.38	12,672	4,329	7,660	7,995	17,141
1960/61-1964/65	10,841	1.35	14,651	4,064	11,034	11,062	13,385
1967/68.....	12,190	1.32	16,137	4,250	8,921	9,145	18,303
1968/69 3).....	11,908	1.49	17,689	4,486	8,710	8,323	23,183
1969/70 3).....	10,102	1.81	18,267	4,568	8,991	9,430	27,452
1970/71 3)	5,052	1.79	9,024	4,650	11,544	11,846	19,980
1971/72.....	7,854	1.83	14,412	4,795	13,723	13,710	15,887
1972/73.....	8,640	1.68	14,514	4,764	15,627	15,692	9,945
1973/74.....	9,575	1.69	16,159	4,601	11,487	11,414	10,089
1974/75.....	8,935	1.49	13,295	4,607	11,186	10,739	8,038
1975/76.....	9,479	1.80	17,078	4,641	12,139	12,251	8,224
1976/77 4).....	11,252	2.10	23,587	5,051	12,900	13,450	13,310
1977/78 5).....	10,111	1.82	18,419	5,000	15,500	15,500	11,229
			AUSTRALIA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,006	1.14	4,572	1,960	2,616	2,803	1,470
1960/61-1964/65	6,396	1.30	8,298	2,124	6,045	6,372	599
1967/68.....	9,082	0.83	7,547	2,672	7,044	5,654	1,737
1968/69.....	10,846	1.36	14,804	2,584	5,380	6,371	7,586
1969/70.....	9,486	1.11	10,546	2,540	7,374	8,047	7,545
1970/71.....	6,479	1.22	7,890	2,625	9,516	9,145	3,665
1971/72.....	7,138	1.21	8,606	2,899	8,670	7,788	1,584
1972/73.....	7,604	0.87	6,590	3,300	5,614	4,309	565
1973/74.....	8,948	1.34	11,987	3,781	5,432	6,789	1,982
1974/75.....	8,308	1.37	11,357	3,025	8,241	8,526	1,788
1975/76.....	8,555	1.40	11,982	2,478	7,871	8,515	2,777
1976/77 4).....	8,920	1.33	11,841	2,525	8,500	8,700	3,393
1977/78 5).....	10,500	0.86	9,000	2,460	9,500	8,800	1,133
			ARGENTINA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,695	1.31	6,151	3,865	2,573	2,477	1,360
1960/61-1964/65	4,720	1.52	7,165	3,647	2,642	3,071	1,415
1967/68 6).....	5,812	1.26	7,320	4,393	1,379	2,199	1,008
1968/69 7).....	5,837	0.98	5,740	3,794	2,742	2,494	850
1969/70.....	5,191	1.35	7,020	4,768	2,082	2,322	780
1970/71.....	3,701	1.33	4,920	4,056	1,625	969	675
1971/72.....	4,315	1.32	5,680	4,356	1,339	1,629	370
1972/73 8).....	4,965	1.39	6,900	4,261	3,352	3,193	269
1973/74.....	3,958	1.66	6,560	4,221	1,106	1,582	1,026
1974/75.....	4,233	1.41	5,970	4,470	2,165	1,784	742
1975/76.....	5,270	1.63	8,570	5,382	3,188	3,160	742
1976/77 4).....	6,428	1.71	11,000	4,742	5,650	6,000	1,000
1977/78 5).....	4,185	1.55	6,500	4,350	3,100	2,750	400
			TOTAL ABOVE THREE COUNTRIES				
AVERAGE							
1955/56-1959/60	17,888	1.31	23,395	10,154	13,051	13,275	19,971
1960/61-1964/65	21,957	1.37	30,114	9,835	19,721	20,505	15,399
1967/68.....	27,084	1.14	31,004	11,315	17,344	16,998	21,048
1968/69.....	28,591	1.34	38,233	10,864	16,832	17,188	31,619
1969/70.....	24,779	1.45	35,833	11,876	18,447	19,799	35,777
1970/71.....	15,232	1.43	21,834	11,331	23,791	21,960	24,320
1971/72.....	19,307	1.49	28,698	12,050	25,834	23,129	17,841
1972/73.....	21,209	1.32	28,004	12,325	24,593	23,194	10,779
1973/74.....	22,481	1.54	34,706	12,603	18,025	19,785	13,097
1974/75.....	21,476	1.43	30,622	12,102	21,592	21,049	10,568
1975/76.....	23,304	1.61	37,630	12,501	23,198	23,926	11,743
1976/77 4).....	26,600	1.75	46,428	12,318	27,050	28,150	17,703
1977/78 5).....	24,796	1.37	33,919	11,810	28,100	27,050	12,762

1) INCLUDES THE WHEAT EQUIVALENT OF FLOUR.
2) NET CHANGES IN FARM STOCKS FOR AUSTRALIA AND ARGENTINA ARE REFLECTED IN DOMESTIC DISAPPEARANCE.
3) IMPORTS OF 1 NEEDED TO BALANCE S&D.
4) PRELIMINARY.
5) PROJECTION.
6) IMPORTS OF 35 NEEDED TO BALANCE S&D.
7) IMPORTS OF 390 NEEDED TO BALANCE S&D.
8) IMPORTS OF 453 NEEDED TO BALANCE S&D.

FEEDGRAINS S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC UTILIZATION	JULY JUNE	EXPORTS OCT-SEPT	MRKT YR	ENDING STOCKS MRKT YR
				CORN (APRIL-MARCH)				
BRAZIL								
(66)1967/68 5)	9,374	1.36	12,824	10,950	665	915	483	4,010
(67)1968/69 5)	9,534	1.31	12,814	11,484	1,135	914	1,181	4,162
(68)1969/70 1)	9,354	1.31	12,693	13,926	554	979	610	2,320
(69)1970/71 1)	9,858	1.44	14,216	12,700	3,036	1,613	1,788	2,049
(70)1971/72 1)	10,530	1.33	14,130	13,239	393	343	948	1,993
(71)1972/73 2)	10,539	1.41	14,891	16,415	137	62	172	300
(72)1973/74 4)	9,908	1.42	14,109	13,567	27	872	42	800
(73)1974/75...	11,262	1.45	16,284	15,273	1,424	1,121	1,311	500
(74)1975/76...	10,800	1.51	16,354	15,586	1,353	1,315	963	300
(75)1976/77...	11,200	1.60	17,885	16,174	1,337	1,400	1,511	500
(76)1977/78 3)	11,800	1.59	18,800	17,200	1,100	800	1,300	800
(77)1978/79 3)	11,000	1.60	17,600	17,500			600	300
				CORN (APRIL-MARCH)				
ARGENTINA								
(66)1967/68...	3,700	2.17	8,000	3,828	3,186	2,303	4,153	33
(67)1968/69 1)	3,378	1.94	6,560	3,134	3,968	1,381	3,448	12
(68)1969/70...	3,600	1.93	6,860	3,124	4,346	1,673	3,740	8
(69)1970/71...	4,017	2.33	9,360	3,840	5,333	5,682	5,510	18
(70)1971/72 1)	4,066	2.44	9,930	2,817	4,801	3,792	6,436	696
(71)1972/73 1)	3,147	1.86	5,860	3,981	2,832	3,913	2,040	536
(72)1973/74...	3,565	2.51	8,900	3,892	5,105	5,195	5,066	578
(73)1974/75...	3,486	2.84	9,900	4,615	5,831	4,827	5,399	464
(74)1975/76...	3,070	2.51	7,700	3,897	2,593	2,674	3,517	750
(75)1976/77...	2,766	2.12	5,855	3,262	4,384	5,385	3,238	105
(76)1977/78 2)	2,683	3.28	8,800	3,800	4,400	3,900	5,000	105
(77)1978/79 3)	2,900	2.69	7,800	4,000			3,800	105
				CORN (MAY-APRIL)				
SOUTH AFRICA								
(66)1967/68...	4,589	2.13	9,762	4,471	3,107	3,447	2,899	3,074
(67)1968/69...	4,728	1.13	5,316	4,885	2,168	1,415	2,671	834
(68)1969/70 4)	4,387	1.22	5,340	5,008	1,096	1,511	796	873
(69)1970/71 5)	4,217	1.45	6,132	5,159	915	1,133	1,104	751
(70)1971/72 6)	4,402	1.95	8,600	5,173	2,829	2,912	2,555	1,625
(71)1972/73...	4,578	2.07	9,483	5,540	3,181	2,240	3,562	2,006
(72)1973/74...	3,611	1.15	4,160	5,544	371	1,230	157	465
(73)1974/75...	4,463	2.49	11,105	6,325	3,324	3,290	3,227	2,018
(74)1975/76...	4,488	2.04	9,140	6,388	3,181	2,797	3,206	1,564
(75)1976/77...	4,549	1.61	7,312	6,485	1,334	1,700	1,466	925
(76)1977/78 2)	4,453	2.14	9,530	6,605	3,000	2,900	2,900	950
(77)1978/79 3)	4,500	2.00	9,000	6,500			2,600	850
				CORN (JULY-JUNE)				
THAILAND								
(67)1967/68...	598	2.20	1,315	55	1,214	1,291	1,214	54
(68)1968/69...	606	2.49	1,507	104	1,289	1,298	1,289	168
(69)1969/70...	690	2.46	1,700	176	1,502	1,680	1,502	190
(70)1970/71...	749	2.59	1,938	220	1,663	1,470	1,663	245
(71)1971/72...	824	2.79	2,300	280	2,111	2,045	2,111	154
(72)1972/73...	997	1.32	1,320	300	1,039	1,505	1,039	135
(73)1973/74...	1,044	2.25	2,350	341	2,131	2,138	2,131	13
(74)1974/75...	1,082	2.26	2,450	450	1,979	1,947	1,979	34
(75)1975/76...	1,336	2.25	3,000	600	2,346	2,373	2,346	88
(76)1976/77 2)	1,400	1.93	2,700	699	2,040	2,000	2,040	49
(77)1977/78 3)	1,463	1.20	1,750	900	850	850	850	49

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC UTILIZATION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			GRAIN SORGHUM (APRIL-MARCH)					
ARGENTINA								
(66)1967/68 6)	764	1.81	1,380	980	409	413	404	11
(67)1968/69 7)	1,083	1.75	1,897	1,088	1,228	1,354	809	14
(68)1969/70 1)	1,302	1.91	2,484	1,136	1,461	1,624	1,354	9
(69)1970/71 1)	1,872	2.04	3,820	2,212	1,960	2,152	1,603	15
(70)1971/72 1)	2,235	2.09	4,660	2,249	1,141	719	2,215	212
(71)1972/73 1)	1,419	1.66	2,360	1,810	1,060	1,766	474	289
(72)1973/74...	2,131	2.16	4,600	2,243	2,776	3,191	2,420	226
(73)1974/75...	2,324	2.54	5,900	2,772	2,494	2,382	2,838	515
(74)1975/76...	1,938	2.49	4,830	2,375	2,612	3,026	2,370	600
(75)1976/77...	1,834	2.76	5,060	2,061	4,639	4,770	3,539	60
(76)1977/78 2)	2,230	2.78	6,200	2,000	3,700	3,800	4,200	60
(77)1978/79 3)	2,500	2.60	6,500	2,100			4,400	60
			GRAIN SORGHUM (APRIL-MARCH)					
AUSTRALIA								
(66)1967/68...	203	1.57	319	297	19	67	22	
(67)1968/69...	187	1.54	288	208	82	34	80	
(68)1969/70...	210	1.40	294	243	73	263	17	34
(69)1970/71...	359	1.52	547	268	517	862	278	35
(70)1971/72...	552	2.35	1,298	222	990	654	1,087	24
(71)1972/73...	638	1.92	1,228	500	712	703	692	60
(72)1973/74...	697	1.46	1,018	299	797	898	633	146
(73)1974/75...	540	1.96	1,061	115	856	901	984	108
(74)1975/76...	511	1.76	901	89	815	915	897	23
(75)1976/77...	504	2.23	1,124	82	828	750	972	93
(76)1977/78 2)	524	1.84	965	126	900	900	810	122
(77)1978/79 3)	475	2.00	950	116			850	106
			BARLEY (DECEMBER-NOVEMBER)					
AUSTRALIA								
(67)1967/68 8)	1,057	0.79	834	776	129	121	1,247	327
(68)1968/69 9)	1,341	1.23	1,646	1,007	451	508	549	450
(69)1969/70 10	1,521	1.12	1,699	976	641	703	684	501
(70)1970/71...	2,000	1.18	2,351	1,132	1,123	1,236	1,231	489
(71)1971/72...	2,535	1.21	3,065	1,422	1,844	1,732	1,770	362
(72)1972/73...	2,140	0.81	1,727	1,183	804	730	676	230
(73)1973/74...	1,894	1.27	2,398	1,249	809	1,056	1,160	211
(74)1974/75...	1,826	1.38	2,515	884	1,749	1,699	1,656	186
(75)1975/76...	2,329	1.36	3,179	857	1,954	2,237	2,231	277
(76)1976/77 2)	2,302	1.23	2,831	930	2,094	1,950	1,830	348
(77)1977/78 3)	2,800	0.86	2,400	970	1,600	1,500	1,500	278
			BARLEY (AUGUST-JULY)					
CANADA								
(67)1967/68...	3,287	1.67	5,505	4,685	1,059	739	838	2,850
(68)1968/69...	3,583	1.98	7,099	5,161	411	457	447	4,341
(69)1969/70...	3,787	2.13	8,084	6,463	1,179	2,014	1,497	4,465
(70)1970/71...	4,004	2.22	8,889	6,351	3,823	3,920	3,862	3,141
(71)1971/72...	5,657	2.32	13,099	7,944	4,174	4,573	4,468	3,828
(72)1972/73...	5,062	2.23	11,285	7,312	3,864	3,321	3,598	4,203
(73)1973/74...	4,839	2.11	10,224	7,306	2,663	2,577	2,583	4,538
(74)1974/75...	4,775	1.84	8,802	6,444	2,668	3,208	2,792	4,104
(75)1975/76...	4,468	2.13	9,520	6,704	4,161	4,306	4,156	2,764
(76)1976/77 2)	4,354	2.41	10,513	6,363	3,785	3,800	3,640	3,274
(77)1977/78 3)	4,646	2.33	10,821	6,374	3,700	3,700	3,700	4,021
			TOTAL OF ABOVE					
TOTAL								
(67)1967/68...	23,902	1.44	34,529	26,315	9,788	9,526	10,369	6,253
(68)1968/69...	26,321	1.44	37,923	29,709	10,732	10,361	8,802	8,203
(69)1969/70...	26,558	1.72	45,558	31,794	10,052	13,447	13,966	0,024
(70)1970/71...	28,558	1.81	51,796	31,403	17,370	18,068	19,997	8,425
(71)1971/72...	29,337	1.78	52,286	37,873	18,483	16,770	15,308	7,535
(72)1972/73...	28,111	1.68	47,219	34,523	13,629	14,240	13,448	6,703
(73)1973/74...	29,852	1.98	59,222	38,015	14,679	17,157	19,623	8,367
(74)1974/75...	28,490	1.85	52,683	36,160	20,325	19,375	17,413	7,561
(75)1975/76...	28,986	2.08	52,935	36,225	19,015	19,643	19,459	4,812
(76)1976/77 2)	29,746	2.31	60,339	37,723	20,441	21,755	21,720	5,708
(77)1977/78 3)	30,284	2.03	56,821	38,460	19,250	18,350	18,300	5,769

1) IMPORTS OF 1 NEEDED TO BALANCE S&D. 2) PRELIMINARY. 3) PROJECTION. 4) IMPORTS OF 503 NEEDED TO BALANCE S&D. 5) IMPORTS OF 9 NEEDED TO BALANCE S&D. 6) IMPORTS OF 2 NEEDED TO BALANCE S&D. 7) IMPORTS OF 3 NEEDED TO BALANCE S&D. 8) IMPORTS OF 16 NEEDED TO BALANCE S&D. 9) IMPORTS OF 33 NEEDED TO BALANCE S&D. 10) IMPORTS OF 12 NEEDED TO BALANCE S&D.

NOTE: YEARS IN PARANTHESES ARE "DESIGNATED PRODUCTION YEARS", USED FOR PURPOSES OF AGGREGATING WORLD CROPS. SEE FOOTNOTE 6 ON PAGE 2. SPLIT YEARS (EG. 1977/78) DENOTE LOCAL MARKETING YEARS.

WESTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC FOR FEED	TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	41.4	2.86	118.4	28.1	11.1	17.0	86.3	140.8	-5.4
1970/71	41.4	2.78	115.0	35.3	7.9	27.4	87.7	143.0	-0.6
1971/72	41.5	3.20	132.8	28.4	9.7	18.7	90.3	148.1	3.4
1972/73	41.4	3.21	132.9	30.1	11.9	18.2	94.4	152.3	-1.2
1973/74	41.0	3.29	134.8	48.1	26.2	21.8	96.0	154.4	2.3
1974/75	41.4	3.43	141.8	32.8	12.8	20.0	96.4	156.3	5.5
1975/76	40.6	3.20	130.0	31.1	14.4	16.6	93.3	152.9	-6.3
1976/77 3)	40.8	3.02	123.2	38.6	8.0	30.6	94.9	155.1	-1.4
1977/78 4)	40.0	3.43	137.3	33.0	11.4	21.6	96.2	157.0	1.9
WHEAT									
1969/70	17.4	2.60	45.2	8.6	7.0	1.6	13.7	51.2	-4.4
1970/71	17.1	2.56	43.8	11.1	3.8	7.3	14.3	51.7	-0.6
1971/72	17.1	3.00	51.3	8.0	4.5	3.5	13.9	51.6	3.2
1972/73	16.8	3.05	51.3	8.1	6.8	1.3	16.1	53.2	-0.6
1973/74	16.2	3.14	50.8	6.4	5.8	0.6	12.6	49.4	2.0
1974/75	16.7	3.39	56.7	6.2	8.3	-2.1	13.4	51.5	3.0
1975/76	15.4	3.15	48.5	6.4	9.5	-3.1	10.4	48.6	-3.2
1976/77 3)	16.5	3.09	50.8	4.5	5.0	-0.6	11.7	50.5	-0.3
1977/78 4)	15.1	3.34	50.4	6.7	6.4	0.3	11.8	50.5	0.3
COARSE GRAINS									
1969/70	24.0	3.05	73.2	19.5	4.1	15.4	72.6	89.6	-1.0
1970/71	24.3	2.93	71.2	24.2	4.1	20.1	73.4	91.3	0.0
1971/72	24.4	3.34	81.5	20.4	5.2	15.2	76.4	96.5	0.2
1972/73	24.6	3.32	81.6	22.0	5.1	16.9	78.3	99.1	-0.6
1973/74	24.8	3.39	84.1	26.8	5.5	21.3	83.4	105.0	0.3
1974/75	24.7	3.45	85.1	26.7	4.5	22.1	83.0	104.8	2.4
1975/76	25.2	3.23	81.5	24.6	4.9	19.7	82.9	104.3	-3.1
1976/77 3)	24.3	2.98	72.4	34.2	3.0	31.2	83.2	104.6	-1.1
1977/78 4)	24.9	3.49	86.9	26.3	5.0	21.3	84.5	106.5	1.7

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EUROPEAN COMMUNITY: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC FOR FEED	TOTAL	STOCKS CHANGE
TOTAL GRAINS									
1969/70	26.9	3.42	92.1	22.0	9.7	12.3	66.8	109.2	-4.8
1970/71	26.9	3.27	88.0	28.7	6.7	22.0	67.3	110.1	-0.1
1971/72	26.9	3.74	100.5	22.2	8.2	14.0	67.8	113.1	1.4
1972/73	26.9	3.84	103.3	22.9	10.1	12.8	71.1	116.6	-0.5
1973/74	26.7	3.97	105.8	23.2	10.5	12.7	71.3	117.2	1.3
1974/75	26.7	4.05	108.2	23.3	10.8	12.4	69.5	116.2	4.5
1975/76	26.3	3.70	97.3	22.5	12.8	9.8	67.1	113.4	-6.3
1976/77 3)	26.2	3.46	90.7	28.7	6.1	22.6	67.4	114.1	-0.8
1977/78 4)	26.1	4.05	105.7	21.9	10.0	11.9	67.9	115.3	2.4
WHEAT									
1969/70	11.1	3.22	35.7	7.1	6.0	1.1	12.1	40.8	-4.0
1970/71	10.9	3.18	34.7	9.5	3.4	6.1	12.4	40.8	0.0
1971/72	11.1	3.61	40.1	6.8	4.1	2.7	11.9	41.0	1.8
1972/73	11.1	3.74	41.5	7.0	6.0	1.0	14.3	42.8	-0.3
1973/74	10.8	3.82	41.4	4.9	5.2	-0.3	11.5	40.0	1.1
1974/75	11.2	4.04	45.4	5.0	6.9	-2.0	11.9	40.7	2.7
1975/76	10.5	3.64	38.1	5.5	8.4	-2.9	9.2	38.0	-2.8
1976/77 3)	11.2	3.52	39.5	3.4	3.7	-0.3	10.2	39.6	-0.4
1977/78 4)	10.3	3.98	40.8	5.2	5.5	-0.3	10.6	39.9	0.6
COARSE GRAINS									
1969/70	15.8	3.57	56.4	14.9	3.7	11.2	54.7	68.4	-0.8
1970/71	16.0	3.33	53.3	19.2	3.3	15.9	54.9	69.3	-0.1
1971/72	15.8	3.82	60.4	15.4	4.1	11.3	55.9	72.1	-0.4
1972/73	15.8	3.91	61.8	15.9	4.1	11.8	56.8	73.8	-0.2
1973/74	15.9	4.06	64.4	18.3	5.3	13.0	59.8	77.2	0.1
1974/75	15.5	4.05	62.8	18.3	3.9	14.4	57.6	75.5	1.7
1975/76	15.8	3.74	59.2	17.1	4.4	12.7	58.0	75.4	-3.5
1976/77 3)	15.0	3.41	51.1	25.3	2.4	23.0	57.3	74.5	-0.4
1977/78 4)	15.9	4.09	64.9	16.7	4.5	12.2	57.3	75.4	1.7

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EASTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	TOTAL USAGE 1)	STOCKS CHANGE 2)
TOTAL GRAINS								
1969/70	31.0	2.45	75.8	7.6	2.7	4.9	79.7	1.0
1970/71	29.4	2.27	66.7	10.3	2.4	7.9	76.3	-1.7
1971/72	30.3	2.71	82.0	10.3	1.5	8.8	91.1	-0.3
1972/73	30.4	2.87	87.4	9.8	2.4	7.4	95.0	-0.2
1973/74	29.6	2.95	87.2	9.4	4.5	4.9	91.7	0.4
1974/75	29.4	3.10	91.3	11.1	2.9	8.2	98.5	1.0
1975/76	29.6	2.97	87.8	11.6	4.2	7.5	96.0	-0.7
1976/77 3)	29.6	3.17	93.9	14.5	2.9	11.6	103.4	2.1
1977/78 4)	29.6	3.16	93.6	13.6	3.7	9.9	103.8	-0.3
WHEAT								
1969/70	10.9	2.34	25.5	4.7	1.3	3.4	28.5	0.4
1970/71	10.2	2.25	23.0	6.7	0.9	5.8	29.2	-0.4
1971/72	10.7	2.82	30.2	5.2	0.9	4.3	35.2	-0.7
1972/73	10.8	2.84	30.7	4.6	0.9	3.7	34.6	-0.2
1973/74	10.3	3.05	31.5	5.6	2.0	3.7	35.0	0.1
1974/75	10.6	3.22	34.0	4.7	1.7	3.0	35.9	1.2
1975/76	9.9	2.86	28.5	4.9	1.3	3.6	33.6	-1.6
1976/77 3)	10.3	3.36	34.5	6.1	1.5	4.7	38.3	0.9
1977/78 4)	10.1	3.42	34.4	5.6	1.6	4.0	38.5	-0.1
COARSE GRAINS								
1969/70	20.1	2.50	50.3	2.9	1.4	1.5	51.2	0.6
1970/71	19.2	2.28	43.7	3.6	1.5	2.1	47.1	-1.3
1971/72	19.6	2.64	51.8	5.1	0.6	4.5	55.9	0.4
1972/73	19.6	2.89	56.7	5.2	1.5	3.7	60.4	0.0
1973/74	19.2	2.90	55.7	3.8	2.5	1.3	56.7	0.3
1974/75	18.9	3.04	57.3	6.4	1.2	5.2	62.6	-0.2
1975/76	19.7	3.02	59.4	6.8	2.9	3.9	62.4	0.9
1976/77 3)	19.3	3.08	59.4	8.3	1.4	6.9	65.1	1.2
1977/78 4)	19.6	3.03	59.2	8.0	2.2	5.9	65.3	-0.2

1) UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS FOR THOSE COUNTRIES FOR WHICH NO STOCKS DATA ARE AVAILABLE.
2) INCLUDES YEAR-TO-YEAR FLUCTUATIONS ONLY FOR THOSE COUNTRIES/COMMODITIES FOR WHICH STOCK DATA ARE AVAILABLE.
3) PRELIMINARY.
4) PROJECTION.

SELECTED WORLD GRAIN PRICES, CIF ROTTERDAM 1/
(In U.S. dollars per metric ton)

	WHEAT			CORN	SORGHUM
	U.S. No. 2 Dark Northern Spring 14%	U.S. No. 2 Hard Winter 13½%	2/ Canadian Western Red Spring 13½%	U.S. No. 3 Yellow Corn	U.S. No. 2 Yellow Sorghum
1970/71 (July-June)	73.71	71.19	74.13	69.07	68.20
1971/72 (July-June)	69.74	66.69	72.42	57.01	60.80
1972/73 (July-June)	100.14	92.50	101.97	77.12	78.64
1973/74 (July-June)	202.95	200.35	214.40	132.90	127.20
1974/75 (July-June)	204.26	189.05	209.65	143.18	135.53
1975/76 (July-June)	187.15	177.70	195.12	128.80	122.50
1976/77 (July-June)	141.17	137.02	143.71	118.90	108.52
1974					
January	239.65	229.65	239.20	136.20	133.00
February	240.50	231.85	243.90	142.90	136.80
March	227.85	224.50	240.15	146.45	137.00
April	182.30	183.35	214.30	131.90	124.90
May	180.50	170.50	185.45	129.50	116.10
June	209.15	177.10	204.10	133.05	117.00
July	213.85	190.70	216.25	139.75	123.60
August	217.40	194.00	215.80	139.05	138.00
September	214.25	203.55	213.05	152.75	142.20
October	232.60	229.65	233.95	163.40	161.00
November	233.20	228.90	236.80	164.55	163.00
December	227.80	219.35	231.85	159.60	159.70
1975					
January	203.90	194.75	208.75	143.30	135.50
February	192.04	180.20	198.16	137.13	127.30
March	178.70	175.85	181.90	135.25	124.50
April	181.77	159.25	192.10	130.34	127.11
May	180.83	145.85	192.58	123.49	116.39
June	174.76	146.50	195.00	129.60	108.08
July	185.35	174.35	205.05	140.90	118.20
August	195.95	187.65	210.20	147.45	134.90
September	203.90	195.10	228.20	138.20	132.30
October	193.20	185.00	219.35	132.35	128.75
November	182.50	172.65	NA	121.68	122.05
December	187.45	166.50	NA	118.65	119.55
1976					
January	183.45	168.30	NA	118.54	118.50
February	194.90	183.10	NA	121.30	119.90
March	194.35	182.85	174.50 3/	122.05	120.25
April	174.35	175.55	166.32 3/	122.24	115.18
May	177.80	169.05	168.85 3/	129.35	119.60
June	181.30	172.20	188.50 3/	133.00	120.90
July	176.46	175.70	174.55 3/	133.80	121.05
August	158.15	159.45	158.10	128.10	117.30
September	148.40	149.50	155.00	132.25	119.55
October	138.25	138.90	145.00	119.95	113.45
November	137.30	130.84	140.70	108.80	105.90
December	139.00	131.80	136.77	111.10	107.70
1977					
January	145.50	134.85	143.60	123.00	111.20
February	147.75	133.30	146.00	123.90	112.35
March	134.30	131.80	135.40	117.15	104.80
April	130.15	130.00	133.10	115.45	100.10
May	126.71	120.85	133.54	116.42	96.50
June	114.82	113.79	126.89	102.70	91.92
July	111.20	116.15	121.48	95.75	89.20
August	109.80	115.85	116.85	87.20	87.00
September	121.35	120.40	129.15	87.95	86.85
October	126.55	120.00	137.30	90.70	91.00
October 4	126.25	120.00	133.00	87.50	87.50
11	126.50	119.50	140.00	95.00	92.50
18	126.50	119.50	140.50	91.75	92.00
25	127.00	121.00	138.00	91.50	92.00
November 1	128.00	124.00	138.50	97.75	96.00
8 4/	131.00	127.00	141.00	102.25	103.25

1/ Hamburg Mercantile Exchange prices for Rotterdam. Averages: basis daily market quotes. 30 days delivery.
2/ Prior to September 1971 prices for No. 2 Manitoba Northern.
3/ Canadian No. 2 CWRS - 12.5 percent protein.
4/ Weekly Rotterdam prices for October and November as reported by U.S. Agricultural Attache, the Hague.

U.S.: TOTAL GRAINS
SUPPLY/DISTRIBUTION

	BEGINNING STOCKS	HARVESTED AREA	YIELD	PRODUCTION	IMPORTS	EXPORTS	FEED USAGE	TOTAL UTILIZATION
	MILLION METRIC TONS/MILLION HECTARES							
TOTAL GRAINS								
1961/62	115.7	64.2	2.5	161.0	0.6	35.4	112.2	140.2
1962/63	101.7	59.7	2.7	159.3	0.3	33.2	108.5	136.9
1963/64	91.2	61.5	2.8	171.5	0.4	40.6	106.0	135.0
1964/65	87.5	60.1	2.6	157.4	0.3	39.4	104.6	133.6
1965/66	76.5	59.5	3.0	180.0	0.3	49.6	119.6	149.0
1966/67	58.2	60.3	3.0	180.4	0.3	41.4	118.3	148.0
1967/68	49.5	65.0	3.1	203.8	0.2	42.2	118.5	148.7
1968/69	62.6	62.1	3.2	197.7	0.2	31.5	127.1	157.2
1969/70	71.8	58.5	3.4	200.9	0.4	35.4	134.6	164.7
1970/71	73.0	58.3	3.1	183.0	0.3	39.1	131.8	162.6
1971/72	54.6	63.0	3.7	233.8	0.3	41.1	143.2	174.2
1972/73	73.4	57.5	3.9	224.0	0.4	70.2	147.5	180.0
1973/74	48.0	62.8	3.7	233.0	0.3	74.2	143.3	176.1
1974/75	31.0	67.7	2.9	199.3	0.6	63.6	107.0	140.1
1975/76	27.3	71.0	3.4	243.0	0.5	82.0	118.2	153.4
1976/77	35.5	72.5	3.5	251.5	0.4	76.5	115.1	150.7
1977/78	60.2	70.7	3.6	257.0	0.3	80.3	125.3	161.4
1978/79	75.8							
WHEAT								
1971/72	22.4	19.3	2.3	44.0	0.0	16.6	7.0	23.0
1972/73	26.8	19.1	2.2	42.0	0.0	30.8	5.5	21.7
1973/74	16.3	21.8	2.1	46.4	0.1	33.1	3.7	20.4
1974/75	9.2	26.5	1.8	48.9	0.1	27.7	1.9	18.6
1975/76	11.8	28.2	2.1	58.1	0.1	31.9	2.2	20.0
1976/77	18.1	28.7	2.0	58.4	0.1	25.9	3.0	20.5
1977/78	30.2	27.0	2.0	55.2	0.1	29.9	6.0	23.4
1978/79	32.2							
COARSE GRAINS								
1971/72	32.2	43.7	4.3	189.8	0.3	24.5	136.2	151.2
1972/73	46.6	30.4	4.7	182.0	0.4	39.4	142.0	158.0
1973/74	31.7	41.6	4.5	186.6	0.2	41.1	139.6	155.6
1974/75	21.8	41.1	3.7	150.5	0.5	35.9	105.1	121.4
1975/76	15.4	42.8	4.3	184.9	0.4	50.0	116.0	133.4
1976/77	17.4	43.9	4.4	193.1	0.3	50.6	112.0	130.2
1977/78	29.9	43.8	4.6	201.8	0.3	50.3	119.3	138.0
1978/79	43.7							
	MILLION BUSHELS/MILLION ACRES							
WHEAT								
1973/74	599	53.9	31.6	1705	3	1217	137	751
1974/75	339	65.6	27.4	1796	3	1018	71	685
1975/76	435	69.6	30.7	2135	2	1173	81	735
1976/77	664	70.8	30.3	2147	3	950	112	753
1977/78	1111	66.6	30.4	2027	2	1100	220	858
1978/79	1182							
CORN								
1973/74	709	61.9	91.2	5647	1	1243	4193	4631
1974/75	483	65.4	71.3	4664	2	1149	3191	3641
1975/76	359	67.2	86.3	5797	2	1711	3558	4049
1976/77	390	71.1	87.4	6216	2	1684	3538	4053
1977/78	879	69.5	91.6	6367	1	1700	3775	4305
1978/79	1242							
SORGHUM								
1973/74	73	15.9	58.5	930	0	234	702	708
1974/75	61	13.9	45.3	629	0	212	437	443
1975/76	35	15.5	49.0	760	0	229	508	514
1976/77	52	14.9	48.6	724	0	246	433	439
1977/78	91	14.1	55.2	779	0	225	475	481
1978/79	164							
BARLEY								
1973/74	192	10.5	40.2	422	9	93	239	384
1974/75	146	8.2	37.1	304	20	42	187	336
1975/76	92	8.7	44.1	384	16	24	192	339
1976/77	129	8.4	44.9	377	11	66	168	325
1977/78	126	9.6	42.2	405	10	60	150	314
1978/79	167							
OATS								
1973/74	461	14.1	47.3	667	0	57	675	763
1974/75	308	13.2	46.5	614	0	19	595	679
1975/76	224	13.6	48.4	658	1	14	574	661
1976/77	208	12.4	45.3	562	1	10	504	593
1977/78	168	14.4	52.7	759	1	10	540	630
1978/79	288							
RYE								
1973/74	39	1.0	26.3	26	0	28	10	23
1974/75	14	0.9	21.1	19	0	6	9	21
1975/76	7	0.8	22.5	18	1	1	9	20
1976/77	5	0.8	21.2	17	0	0	7	18
1977/78	5	0.8	22.9	18	0	0	8	18
1970/79	5							

NOTES: TOTAL GRAINS INCLUDE WHEAT, CORN, SORGHUM, BARLEY, OATS AND RYE.
COMMODITY YEARS AS FOLLOWS: JUNE/MAY - WHEAT, BARLEY, OATS AND RYE.
OCTOBER/SEPTEMBER - CORN AND SORGHUM.
DOES NOT INCLUDE CANADIAN TRANSSHIPMENTS; INCLUDES MAJOR PRODUCTS

U.S. RICE
SUPPLY/DISTRIBUTION
August/July Marketing Year

	Area Harvested	Yield	Rough Production	Beginning Stocks	Milled Production	Imports	Exports	Total Utilization 1/
	Thousand Metric Tons/Thousand Hectares							
1960/61	645	3.84	2477	395	1756	9	919	911
1961/62	643	3.82	2459	330	1763	13	936	997
1962/63	718	4.17	2996	173	2133	1	1119	937
1963/64	717	4.45	3188	251	2295	1	1385	917
1964/65	723	4.59	3318	245	2386	15	1387	1008
1965/66	725	4.77	3460	251	2497	22	1418	1081
1966/67	796	4.84	3856	271	2805	-	1719	1079
1967/68	797	5.09	4054	278	2950	-	1887	1119
1968/69	952	4.96	4723	222	3459	-	1819	1330
1969/70	861	4.84	4168	532	3003	7	1791	1215
1970/71	734	5.18	3801	536	2796	48	1474	1295
1971/72	736	5.28	3889	611	2837	36	1808	1304
1972/73	736	5.26	3874	372	2828	17	1733	1317
1973/74	878	4.79	4209	167	3035	7	1607	1347
1974/75	1026	4.97	5098	255	3667	-	2207	1483
1975/76	1134	5.12	5806	232	4077	-	1744	1390
1976/77	1012	5.24	5307	1175	3827	-	2105	1600
1977/78	891	5.10	4495	1299	3236	-	2220	1484
1978/79				831				
	Million Hundredweight/Million Acres							
1971/72	1.8	47.67	85.8	18.6	1.1		56.9	37.2
1972/73	1.8	47.44	85.4	11.4	.5		54.0	38.2
1973/74	2.2	42.18	92.8	5.1	.2		49.7	40.6
1974/75	2.5	44.96	112.4	7.8	-		69.5	43.6
1975/76	2.8	45.71	128.0	7.1	-		56.5	41.7
1976/77	2.5	46.79	117.0	36.9	-		64.5	49.7
1977/78	2.2	45.52	99.1	39.7	-		68.0	45.3
1978/79				25.5				

1/ Includes statistical discrepancy in Supply/Use Report.

SOURCE: Agricultural Supply Demand Estimate Report.

WORLD WHEAT S & D
MARKETING YEARS 1960/61-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1960/61	202.9	1.18	76.1	239.4	44.0	236.3
1961/62	202.4	1.12	79.2	226.4	47.2	238.2
1962/63	207.1	1.24	67.4	255.8	45.9	251.4
1963/64	206.7	1.15	71.8	237.9	58.4	245.4
1964/65	215.8	1.27	64.2	274.7	54.5	266.6
1965/66	216.2	1.22	72.3	264.3	60.7	282.6
1966/67	214.6	1.44	54.2	308.7	58.1	281.9
1967/68	219.3	1.36	81.0	297.3	53.5	289.8
1968/69	224.2	1.47	88.4	328.6	49.8	304.6
1969/70	217.9	1.42	112.4	309.9	55.2	326.9
1970/71	206.9	1.53	95.4	315.7	53.4	339.1
1971/72	212.8	1.64	72.0	348.2	55.6	341.4
1972/73	210.8	1.63	78.8	343.3	70.8	361.2
1973/74	216.5	1.72	61.0	371.6	72.6	363.5
1974/75	220.5	1.62	69.1	356.4	68.0	362.7
1975/76	225.8	1.55	62.6	349.3	73.1	352.2
1976/77 4)	232.4	1.78	59.6	413.2	64.2	374.7
1977/78 5)	228.5	1.67	98.1	381.6	75.1	394.5
1978/79 5)			85.3			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS ARE NOT AVAILABLE (EXCLUDING THE USSR), UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD COARSEGRAIN S & D
MARKETING YEAS 1960/61-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) ULITIZATION
1960/61	336.3	1.36	92.9	456.1	26.1	445.5
1961/62	329.0	1.33	103.6	436.3	33.8	451.1
1962/63	328.2	1.40	88.7	459.8	32.6	461.9
1963/64	334.3	1.40	86.6	468.2	36.2	465.0
1964/65	332.5	1.42	89.8	472.9	37.9	479.8
1965/66	328.3	1.49	82.9	488.5	47.5	504.4
1966/67	329.8	1.57	67.1	517.7	43.0	516.8
1967/68	334.9	1.62	68.1	541.4	44.6	532.5
1968/69	334.9	1.63	77.0	545.7	39.8	541.7
1969/70	338.4	1.69	81.0	570.9	47.1	570.2
1970/71	339.6	1.68	81.7	569.1	53.3	585.7
1971/72	340.9	1.82	65.1	621.9	55.5	608.6
1972/73	338.0	1.78	78.4	602.7	69.0	620.5
1973/74	351.3	1.88	60.6	660.9	80.9	665.3
1974/75	349.2	1.78	56.2	620.4	69.5	624.2
1975/76	354.9	1.79	52.1	634.4	88.5	634.2
1976/77 4)	357.4	1.93	52.2	690.4	85.1	671.2
1977/78 5)	359.8	1.90	71.4	684.6	84.8	676.2
1978/79 5)			79.8			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS ARE NOT AVAILABLE (EXCLUDING THE USSR), UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD WHEAT & COARSEGRAIN S & D
MARKETING YEARS 1960/61-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1960/61	539.2	1.29	169.0	695.5	70.1	681.8
1961/62	531.4	1.25	182.8	662.7	81.0	689.3
1962/63	535.3	1.34	156.1	715.6	78.5	713.3
1963/64	541.0	1.31	158.4	706.1	94.6	710.4
1964/65	548.3	1.36	154.0	747.6	92.4	746.4
1965/66	544.5	1.38	155.2	752.8	108.2	787.0
1966/67	544.4	1.52	121.3	826.4	101.1	798.7
1967/68	554.2	1.51	149.1	838.7	98.1	822.3
1968/69	559.1	1.56	165.4	874.3	89.6	846.3
1969/70	556.3	1.58	193.4	880.8	102.3	897.1
1970/71	546.5	1.62	177.1	884.8	106.7	924.8
1971/72	553.7	1.75	137.1	970.1	111.1	950.0
1972/73	548.8	1.72	157.2	946.0	139.8	981.7
1973/74	567.8	1.82	121.6	1032.5	153.5	1028.8
1974/75	569.7	1.71	125.3	976.8	137.5	987.0
1975/76	580.7	1.69	114.7	983.6	161.6	986.4
1976/77 4)	589.8	1.87	111.8	1103.6	149.4	1045.9
1977/78 5)	588.3	1.81	169.5	1066.2	159.9	1070.6
1978/79 5)			165.1			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD RICE S & D 1)
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD 2)	PRODUCTION ROUGH	PRODUCTION MILLED	BEGINNING 3) STOCKS	TOTAL 4) EXPORTS	TOTAL 5) UTILIZATION
1966/67	125.3	2.12	265.1	179.4	10.1	7.4	180.9
1967/68	127.1	2.25	286.5	193.8	8.6	6.9	190.6
1968/69	128.3	2.25	289.0	195.4	11.8	6.8	192.2
1969/70	132.0	2.27	299.9	202.7	15.0	7.4	200.0
1970/71	131.4	2.35	309.3	209.0	17.7	8.0	208.1
1971/72	131.6	2.39	313.9	212.0	18.6	8.1	214.8
1972/73	130.9	2.31	302.9	204.7	15.8	8.1	209.7
1973/74	135.1	2.40	324.3	219.0	10.2	7.7	216.7
1974/75	137.2	2.40	330.0	222.9	12.5	7.6	223.4
1975/76	142.2	2.49	353.9	238.6	11.9	8.0	232.6
1976/77 6)	140.8	2.41	340.0	229.1	18.0	8.6	231.5
1977/78 7)	141.9	2.47	350.5	236.2	15.6	8.7	235.6
1978/79 7)					16.2		

1) PRODUCTION IS EXPRESSED ON BOTH ROUGH AND MILLED BASIS; STOCKS, EXPORTS AND UTILIZATION ARE EXPRESSED ON MILLED BASIS.
2) BASED ON ROUGH PRODUCTION.
3) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLS STOCK LEVELS AT A FIXED POINT IN TIME. COMPARARABLE DATA NOT AVAILABLE FOR YEARS PRIOR TO 1966/67.
4) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
5) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION , I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
6) PRELIMINARY.
7) PROJECTION.

WORLD TOTAL GRAINS S & D *
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1966/67	669.7	1.63	131.5	1004.3	108.5	978.2
1967/68	681.2	1.65	157.7	1031.2	105.0	1011.5
1968/69	687.4	1.69	177.3	1069.7	96.4	1038.5
1969/70	688.3	1.72	208.5	1083.4	109.8	1097.1
1970/71	677.8	1.76	194.8	1093.7	114.6	1132.8
1971/72	685.3	1.87	155.7	1182.0	119.2	1164.6
1972/73	678.8	1.84	173.1	1150.1	148.0	1191.5
1973/74	702.6	1.93	131.8	1251.5	161.2	1245.5
1974/75	707.0	1.85	137.7	1199.7	145.1	1210.4
1975/76	722.9	1.85	126.6	1222.2	169.6	1219.0
1976/77 4)	730.6	1.98	129.8	1332.7	158.0	1277.4
1977/78 5)	730.2	1.78	185.1	1302.4	168.6	1306.2
1978/79 5)			181.3			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE'S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED TO INCLUDE YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS. RICE STOCKS PRIOR TO 1966/67 ARE NOT AVAILABLE.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE AND CALENDAR YEAR TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION , I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

* NOTE: INCLUDES WHEAT, COARSE GRAINS, AND RICE. YIELD IS CALCULATED ON ROUGH (PADDY) BASIS. PRODUCTION, TRADE, AND UTILIZATION ARE EXPRESSED ON MILLED BASIS FOR RICE.

FOOTNOTES TO WORLD GRAIN SUMMARY TABLES
(TABLES ON PAGE 2, 4, and 5)

1) Wheat, wheat flour, corn, barley, oats, sorghum, and rye excluding products.

2) Argentina, Australia, Canada, Brazil, South Africa, and Thailand. Trade figures exclude South African wheat. Production figures exclude Brazilian and South African wheat.

3) Adjusted for transshipments through Canadian ports: Excludes products other than flour.

4) Wheat, rye, corn, barley, oats sorghum, millet, and mixed grains.

5) Production data include all harvests occurring within the July-June year indicated, except that small grain crops from the early harvesting Northern Hemisphere areas are "moved forward;" i.e., the May 1977 harvests in areas such as India, North Africa, and southern United States are actually included in "1977/78" accounting period which begins July 1, 1977.

6) "Bunker weight" basis; not discounted for excess moisture and foreign material.

7) Utilization data are based on an aggregate of differing local marketing years. For countries for which stocks data are not available (excluding the USSR) utilization estimates represent "apparent" utilization, i.e., they are inclusive of annual stock level adjustments.

8) Stocks data are based on aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as the People's Republic of China, and parts of Eastern Europe: The world stock levels have been adjusted for estimated year-to-year changes in the USSR grain stocks, but do not purport to include the entire absolute level of USSR stocks.

9) Inclusive of Soviet stock changes: See footnote 8.

10) Corn, barley, oats, sorghum, and rye, excluding products.

11) Corn, barley, oats, rye, sorghum, millet, and mixed grains.

Note: Projections included for the U.S. in all the tables are the levels agreed to in the latest agricultural supply-demand estimates report.

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Approved by the World Food and Agricultural Outlook and Situation Board • USDA

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December 19, 1977

WORLD SITUATION AND OUTLOOK FOR GRAINS CROP AND TRADE DEVELOPMENTS

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TOTAL WHEAT AND COARSEGRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 NOV 11	1977/78 DEC 19
EXPORTS 1)						
SELECTED EXPORTERS 2)	33.9	43.0	43.9	49.4	49.1	49.0
WEST EUROPE	11.3	12.7	14.5	8.7	11.4	10.7
USSR	5.9	5.0	0.5	3.0	2.0	2.0
OTHERS	6.7	4.4	5.9	6.1	8.2	8.3
TOTAL NON-US	57.9	65.1	64.8	67.2	70.7	70.0
U.S 3)	75.6	62.4	78.0	77.2	79.7	81.0
WORLD TOTAL	133.4	127.5	142.8	144.4	150.5	151.0
IMPORTS						
WEST EUROPE	33.2	32.8	31.2	38.6	33.0	32.9
USSR	11.0	5.2	25.6	10.0	19.0	19.0
JAPAN	19.5	18.5	19.5	21.4	22.2	22.2
EAST EUROPE	9.4	11.1	12.3	15.4	13.6	14.5
OTHERS	60.4	59.9	54.2	59.0	62.6	62.3
WORLD TOTAL	133.4	127.5	142.8	144.4	150.5	151.0
(+ INTRA EC-9)	148.3	139.0	157.6	157.3	165.1	166.2
PRODUCTION 4) 5)						
SELECTED EXPORTERS 2)	109.1	95.6	105.3	122.2	105.4	108.2
WEST EUROPE	134.8	141.8	130.0	124.0	137.3	135.1
USSR 6)	210.7	183.7	132.0	211.9	180.0	180.0*
EAST EUROPE	87.2	91.3	87.9	93.9	93.6	94.5
PRC	91.5	98.0	102.0	105.0	102.0	102.0
OTHERS	165.6	167.1	184.0	197.7	190.8	186.9
TOTAL NON-US	799.0	777.5	741.2	854.7	809.2	806.7
U.S.	233.3	199.4	242.2	251.0	257.0	257.0
WORLD TOTAL	1032.3	976.9	983.4	1105.7	1066.2	1063.7
UTILIZATION 4) 7						
WEST EUROPE	154.4	156.3	153.6	155.9	157.0	156.3
USSR 6)	200.8	192.9	170.2	202.9	205.0	205.0
PRC	99.1	104.1	104.1	108.0	111.6	111.6
OTHERS	397.8	393.3	405.8	431.1	435.6	436.8
TOTAL NON-US	852.2	846.7	833.7	897.9	909.2	909.7
U.S.	176.3	140.3	152.5	150.2	161.4	161.3
WORLD TOTAL	1028.5	987.0	986.2	1048.1	1070.6	1071.0
END STOCKS 4) 8)						
TOTAL FOREIGN 9)	94.3	88.2	79.2	112.0	89.4	90.8
USSR: STKS CHG	15.0	-9.0	-13.0	16.0	-8.0	-8.0
US	31.1	27.1	35.4	60.2	75.7	74.6
WORLD TOTAL 9)	125.4	115.3	114.6	172.2	165.1	165.4

SEE FOOTNOTES PAGE41

* TOTAL SOVIET GRAIN PRODUCTION IS CURRENTLY PROJECTED AT 195.4 MILLION METRIC TONS. THIS FIGURE INCLUDES RICE, PULSES AND OTHER MISCELLANEOUS GRAIN NOT INCLUDED IN THE ABOVE AGGREGATES.

* Based on analysis of past forecasting error and the judgment of reviewing analysts, the likelihood is at least two out of three that the final global production estimate or the total of wheat and coarse grains will not differ from this month's estimate by more than about 1 percent. For the world excluding both the U.S. and USSR, the chances are also two out of three that the final production estimate will not differ from this estimate by more than 1 percent.

Grain Situation Highlights

Since the previous report in this series 1/, estimates of the 1977 world wheat and coarse grain crops have declined marginally, while the estimate of the world rice crop has increased to a record level. Based on reports available as of December 19, and with only Southern Hemisphere harvests remaining to be completed, expected 1977 total grain production, which reflects recent statistical revisions in the PRC rice production series, is placed at 1,426 million tons, 1 million above the November 11 estimate. Total grain stocks are now projected to be 185 million tons by the end of the 1977/78 season, up about 4 million tons from the previous estimate with rice accounting for 3 million tons of the increase.

World wheat and coarse grain prices, after reaching their lowest levels in July and August, continue to strengthen somewhat as information now points toward a wheat and coarse grain stock reduction of about 7 million tons relative to last year's ending stock level, rather than the 35 million ton stock buildup initially forecast in May. Rice prices have also strengthened sharply since mid-summer, despite expectations of record world rice production and stock levels; production increases are occuring in countries which normally are not large exporters, and demand continues strong from traditional importers such as Indonesia, the EC, the Mideast, and Africa. Price increases have been especially strong for parboiled and higher quality milled rice.

While the aggregate total grain crop estimate has changed only marginally since the last report, there have been several notable production changes for individual countries and areas. Canada's total grain production

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*                                                                     *
*  Based on analysis of past forecasting error and the judgment of    *
*  reviewing analysts, the likelihood is at least two out of three    *
*  that the final global production estimate for the total of wheat   *
*  and coarse grains will not differ from this month's estimate by    *
*  more than about 1 percent. For the world excluding both the U.S.   *
*  and USSR, the chances are also two out of three that the final     *
*  production estimate will not differ from this estimate by more     *
*  than 1 percent. For rice this margin is estimated at about 2       *
*  percent for total world production.                                *
*                                                                     *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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This circular prepared by the Grain & Feed Division, Foreign Commodity Analysis, Foreign Agricultural Service, USDA. Further information may be obtained by contacting the above division. Tel. (202) 447-2042

1/ The previous report in this series was Foreign Agriculture Circular, FG 23-77, World Grain Situation: Crop and Trade Developments, November 11, 1977.

WORLD WHEAT AND WHEAT FLOUR:
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 NOV 11	1977/78 DEC 19
EXPORTS						
CANADA	11.5	11.2	12.1	12.9	15.5	16.0
AUSTRALIA	5.4	8.2	7.9	8.4	9.5	9.5
ARGENTINA	1.1	2.2	3.2	5.6	3.1	2.7
SUB-TOTAL	18.0	21.6	23.2	27.0	28.1	28.2
WEST EUROPE	5.8	8.2	9.5	5.8	6.4	6.4
USSR	5.0	4.0	0.5	1.0	2.0	2.0
OTHERS	2.7	2.0	1.6	2.9	4.3	4.1
TOTAL NON-US	31.5	35.8	34.8	36.7	40.8	40.7
U.S. 3)	31.1	28.0	31.5	25.4	29.7	29.7
WORLD TOTAL	62.6	63.8	66.3	62.1	70.4	70.4
IMPORTS						
WEST EUROPE	6.4	6.1	6.4	4.6	6.7	7.2
USSR	4.5	2.5	10.1	4.5	8.0	8.0
JAPAN	5.4	5.4	5.9	5.5	5.6	5.6
EAST EUROPE	5.6	4.7	5.5	7.0	5.6	5.4
PRC	5.6	5.7	2.2	3.1	9.5	9.5
OTHERS	35.1	39.4	36.2	37.4	35.0	34.6
WORLD TOTAL	62.6	63.8	66.3	62.1	70.4	70.4
(+ INTRA EC-9)	69.1	68.5	72.8	68.2	77.8	77.8
PRODUCTION 6)						
CANADA	16.2	13.3	17.1	23.6	18.4	19.7
AUSTRALIA	12.0	11.4	12.0	11.8	9.0	9.2
ARGENTINA	6.6	6.0	8.6	11.0	6.5	6.0
WEST EUROPE	50.8	56.7	48.5	51.1	50.4	47.9
USSR 7)	109.8	83.9	66.2	96.9	90.0	90.0
EAST EUROPE	31.5	34.0	28.5	34.5	34.4	34.5
INDIA	24.7	21.8	24.1	28.8	29.1	29.1
OTHERS	73.6	80.5	86.3	97.3	88.6	88.2
TOTAL NON-US	325.1	307.6	291.2	355.1	326.5	324.5
U.S.	46.6	48.5	57.8	58.3	55.2	55.1
WORLD TOTAL	371.6	356.0	348.9	413.4	381.6	379.6
UTILIZATION 8)						
U.S.	20.5	18.4	19.6	20.4	23.3	23.3
USSR 7)	95.3	93.4	87.8	88.4	99.0	99.0
PRC	40.0	42.7	42.2	46.1	49.5	49.5
OTHERS	207.6	208.0	202.0	220.8	222.6	222.1
WORLD TOTAL	363.4	362.5	351.6	375.7	394.5	394.0
ENDING STOCKS 8)						
TOTAL						
FOREIGN 9)	60.0	51.1	41.8	67.4	53.2	51.1
USSR: STKS CHG	14.0	-11.0	-12.0	12.0	-3.0	-3.0
U.S.	9.3	11.7	18.1	30.2	32.2	32.2
WORLD TOTAL 9)	69.3	62.8	59.9	97.6	85.3	83.2

SEE FOOTNOTES PAGE 41

Based on analysis of past forecasting error and the judgment of reviewing analysts, the likelihood is at least two out of three that the final global production estimate for wheat will not differ from this month's estimate by more than about 1 percent.

WORLD COARSE GRAINS
TRADE YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1973/74	1974/75	1975/76	1976/77	1977/78 NOV 11	1977/78 DEC 19
EXPORTS 10)						
CANADA	2.9	2.8	4.9	4.5	4.4	4.1
AUSTRALIA	1.9	2.9	3.2	3.4	2.7	2.5
ARGENTINA	8.4	8.5	5.3	9.5	8.6	9.2
S. AFRICA	0.5	3.5	3.4	1.4	3.1	2.8
THAILAND	2.3	2.2	2.6	2.3	1.0	1.0
BRAZIL	0.0	1.5	1.4	1.3	1.1	1.1
SUB-TOTAL	15.9	21.4	20.7	22.4	21.0	20.8
WEST EUROPE	5.5	4.5	4.9	2.9	5.0	4.2
USSR	0.9	1.0	0.0	2.0	0.0	0.0
OTHERS	4.0	2.4	4.4	3.2	3.9	4.2
TOTAL NON-US	26.3	29.4	30.0	30.5	29.9	29.3
U.S. 3)	44.5	34.3	46.5	51.8	50.1	51.3
WORLD TOTAL	70.8	63.7	76.5	82.3	80.0	80.6
IMPORTS						
WEST EUROPE	26.8	26.7	24.8	34.0	26.3	25.7
USSR	6.5	2.7	15.5	5.5	11.0	11.0
JAPAN	14.1	13.1	13.5	15.9	16.6	16.6
EAST EUROPE	3.8	6.4	6.8	8.3	8.0	9.1
OTHERS	19.6	14.7	15.8	18.6	18.1	18.2
WORLD TOTAL	70.8	63.7	76.5	82.3	80.0	80.6
(+ INTRA EC-9)	79.2	70.5	84.8	89.1	87.2	88.4
PRODUCTION 5) 11						
CANADA	20.4	17.4	20.0	21.3	21.1	22.2
AUSTRALIA	4.7	4.5	5.6	5.0	4.4	4.3
ARGENTINA	17.9	13.8	12.4	17.0	16.3	16.1
S. AFRICA	11.9	9.7	7.7	10.1	9.6	10.0
THAILAND	2.5	2.7	3.3	3.0	2.0	2.0
BRAZIL	16.9	16.9	18.5	19.4	18.2	18.6
WEST EUROPE	84.1	85.1	81.5	72.9	86.9	87.3
USSR 6)	101.0	99.7	65.8	115.0	90.0	90.0
EAST EUROPE	55.7	57.3	59.4	59.4	59.2	60.0
OTHERS	158.8	162.8	175.6	176.5	175.1	171.7
TOTAL NON-US	473.9	469.9	450.0	499.6	482.7	482.2
U.S.	186.8	150.9	184.4	192.7	201.9	201.9
WORLD TOTAL	660.7	620.8	634.4	692.3	684.6	684.1
UTILIZATION 7)						
U.S.	155.8	121.9	133.0	129.9	138.1	138.0
USSR 6)	105.5	99.5	82.4	114.5	106.0	106.0
PRC	59.1	61.4	61.9	61.9	62.1	62.1
OTHERS	344.6	341.7	357.4	366.2	370.0	370.9
WORLD TOTAL	665.1	624.5	634.6	672.5	676.2	677.0
END STOCKS 8) 11						
TOTAL						
FOREIGN 9)	34.3	37.1	37.3	44.6	36.3	39.7
(USSR: STKS CHG)	1.0	2.0	-1.0	4.0	-5.0	-5.0
U.S.	21.8	15.4	17.4	29.9	43.6	42.5
WORLD TOTAL 9)	56.1	52.5	54.7	74.6	79.8	82.2

SEE FOOTNOTES PAGE 41

* Based on analysis of past forecasting error and the judgment of reviewing analysts, the likelihood is at least two out of three that the final global production estimate for coarse grains will not differ from this month's estimate by more than about 1 percent. For the world excluding both the U.S. and USSR, the chances are also two out of three that the final production estimate will not differ from this estimate by more than 1 percent.

WORLD RICE
PRODUCTION, TRADE AND STOCKS
(IN MILLIONS OF METRIC TONS)

	CY 1975	CY 1976	CY 1977	CY 1978 AS OF NOV 11	CY 1978 AS OF DEC 19
EXPORTS 2)					
AUSTRALIA	0.2	0.2	0.3	0.3	0.3
BURMA	0.3	0.6	0.6	0.6	0.6
ITALY	0.5	0.4	0.3	0.3	0.2
PAKISTAN	0.4	0.9	0.9	0.8	0.8
PRC	1.4	0.9	0.5	0.8	0.8
THAILAND	1.0	1.9	2.8	1.8	1.5
ALL OTHERS	1.3	1.4	1.6	1.3	1.6
TOTAL NON-US	5.1	6.3	7.1	6.0	6.0
U.S.	2.1	2.0	2.2	2.2	2.2
WORLD TOTAL	7.2	8.4	9.3	8.2	8.2
IMPORTS 2)					
BANGLADESH	0.4	0.3	0.5	0.4	0.3
EC-9	0.6	0.9	0.8	0.7	0.8
HONG KONG	0.3	0.3	0.4	0.3	0.3
INDONESIA	0.7	1.3	1.9	1.9	1.9
IRAN	0.4	0.3	0.5	0.5	0.5
KOREA REP OF	0.4	0.2	0.1	0.0	0.0
MALAYSIA, WEST	0.1	0.2	0.3	0.2	0.2
PHILIPPINES	0.1	0.1	0.0	0.0	0.0
SINGAPORE	0.1	0.2	0.2	0.2	0.2
SRI LANKA	0.4	0.4	0.5	0.4	0.4
ALL OTHERS	3.6	4.2	4.0	3.4	3.5
WORLD TOTAL	7.2	8.4	9.3	8.2	8.2
	1974/75	1975/76	1976/77	1977/78 AS OF NOV 11	1977/78 AS OF DEC 19
PRODUCTION 3)					
BANGLADESH	17.1	19.2	17.7	18.0	18.8
BURMA	8.6	9.2	9.3	9.5	9.3
INDIA	59.4	73.2	64.2	70.0	74.3
INDONESIA	22.5	22.3	23.3	23.5	22.4
JAPAN	15.4	16.5	14.7	16.2	16.3
KOREA REP OF	6.2	6.5	7.2	7.5	8.1
PAKISTAN	3.5	3.9	4.0	4.0	4.0
PRC	127.5	126.5	125.5	127.5	127.5
THAILAND	14.5	15.2	15.8	15.0	14.5
SUB-TOTAL	274.7	292.5	281.7	291.3	295.1
EC-9	1.1	1.0	0.9	0.8	0.9
AUSTRALIA	0.4	0.4	0.5	0.5	0.5
ARGENTINA	0.4	0.3	0.3	0.3	0.3
BRAZIL	7.0	8.5	8.0	7.5	7.8
ALL OTHERS	49.0	51.8	51.4	53.5	53.1
TOTAL NON-US	324.9	354.5	342.9	354.0	357.8
U.S.	5.1	5.8	5.3	4.5	4.5
WORLD TOTAL	337.7	360.3	348.2	358.5 *	362.3
ENDING STOCKS 4)					
TOTL FOREIGN	11.7	16.3	13.4	15.4	18.3
U.S.	0.2	1.2	1.3	0.8	0.8
WORLD TOTAL	12.0	17.5	14.7	16.2	19.1

1) PRODUCTION IS ON ROUGH BASIS; TRADE AND STOCKS ARE LISTED AS MILLED.
2) TRADE DATA ON CALENDAR YEAR BASIS.
3) THE WORLD RICE HARVEST STRETCHES OVER 6-8 MONTHS. THUS, 1977/78 PRODUCTION REPRESENTS THE CROP HARVESTED IN LATE 1977 AND EARLY 1978 IN THE NORTHERN HEMISPHERE AND THE CROP HARVESTED IN EARLY 1978 IN THE SOUTHERN HEMISPHERE.
4) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERENT LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS BURMA AND THE PEOPLE S REPUBLIC OF CHINA.
* REFLECTS STATISTICAL REVISION FOR PEOPLE'S REPUBLIC OF CHINA RICE SERIES.

* The chances are two out of three that the final rice production estimate will not differ from the initial estimate by more than about 2 percent. *

level has been revised upward to 42 million tons, the second largest grain crop ever produced, only 3 million tons less than last year's record 45 million ton outturn. Total grain exports are currently forecast at a record 20 million tons during July-June 1977/78, about 3 million tons larger than the 1976/77 level and slightly larger than the previous record in July-June 1972/73.

East European total grain production is now estimated at a new high level reflecting record crops in Yugoslavia, Hungary, and Czechoslovakia. Nevertheless, Poland's lower than expected grain and potato crops will likely result in a record level of coarse grain imports which, when combined with Romania's increased demand, is expected to raise East European coarse grain imports to a record level in 1977/78.

Another favorable monsoon season in India has enhanced the prospect of a record 1977/78 rice crop. And even though coarse grain production prospects are below earlier expectations, India's total wheat, coarse grain and rice outturn in 1977/78 will approach or equal the previous record. This marks the third large grain crop in a row and will likely result in minimum grain imports well into the 1977/78 season. India is expected to export about 1 million tons of wheat during July-June 1977/78 mainly toward repayment of the 1.5 million ton outstanding balance of the 1973 USSR wheat loan. Additional wheat shipments after June 1978 are expected to complete the repayment.

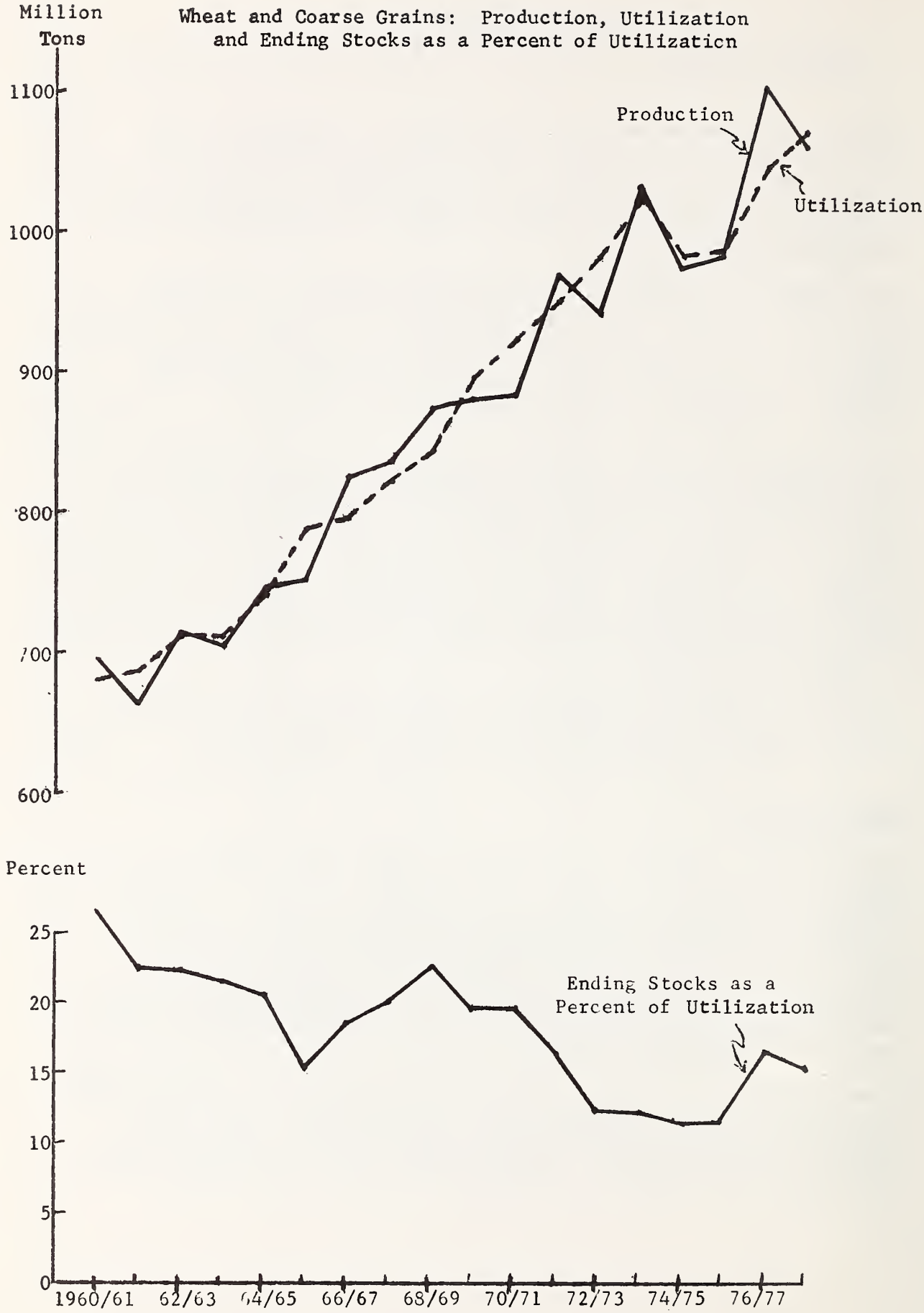
The recent announcement increasing the total USSR grain crop to 195.4 million tons, including miscellaneous grains and pulses, has not changed the total wheat and coarse grains production or trade estimates.

Wheat Situation

The production estimate for the 1977 world wheat crop is down 2 million tons from the previous estimate, but there have been some significant offsetting revisions in estimates for individual countries. Canadian production has been revised upward by more than 1 million tons since the previous estimate, but downward revisions in production estimates for West Europe and Argentina have more than offset that increase. The estimates of 1977/78 trade and utilization are largely unchanged, but estimated ending stocks of 83 million tons are down 2 million tons from the previous estimate.

Canadian wheat production in 1977 is now estimated at 19.7 million tons, up more than 1 million tons from the previous estimate. This production level is the second largest for Canada, surpassed only by last year's record of 23.6 million tons. Prolonged cool, wet, fall weather, however, had a substantial impact on the quality of the crop; only about 45

Wheat and Coarse Grains: Production, Utilization and Ending Stocks as a Percent of Utilization



Quarterly Flow of Wheat and Feedgrain Shipments to the USSR by Origin 1/
(Million Metric Tons)

	1975/76					1976/77					1977/78	
	July-Sept	Oct-Dec	Jan-Mar	April-June	Total	July-Sept	Oct-Dec	Jan-Mar	April-June	Total	July-Sept	Oct-Dec 2/
Wheat												
USA	1.35	2.14	0.35	0.13	3.97	0.42	0.74	1.02	0.71	2.89	0.51	0.22
Canada	.63	1.19	.43	.93	3.18	.24	.03	.18	.73	1.18	.25	.32
Australia	.14	.39	.41	.39	1.33	.10	.01	.14	.16	.41	.03	--
Argentina	.07	.30	.61	.18	1.16	.04	--	.10	--	.14	--	--
Others	--	--	--	--	--	--	--	--	--	--	--	--
Total	2.19	4.02	1.80	1.63	9.64	.80	.78	1.44	1.60	4.62	.79	.54
Feed Grains												
USA	.05	3.16	3.48	3.82	10.51	1.54	.94	.97	1.12	4.57	.09	.36
Canada	.13	.65	.25	.37	1.40	.27	.02	--	--	.29	--	--
Australia	--	.04	.11	.74	.89	.18	--	--	--	.18	--	--
Argentina	--	.04	.04	.14	.22	.11	--	--	.08	.19	.06	.14
Others	.28	.44	.26	.85	1.83	.31	--	.03	--	.34	--	--
Total	.46	4.33	4.14	5.92	14.85	2.41	.96	1.00	1.20	5.57	.15	.50
Total												
USA	1.40	5.30	3.83	3.95	13.84	1.96	1.68	1.99	1.83	7.46	.60	.58
Canada	.76	1.84	.68	1.30	4.59	.51	.05	.18	.73	1.47	.25	.32
Australia	.14	.43	.52	1.13	2.18	.28	.01	.14	.16	.59	.03	--
Argentina	.07	.34	.65	.32	1.38	.15	--	.10	.08	.33	.06	.14
Others	.28	.44	.26	.85	1.17	.31	--	.03	--	.34	--	--
Total 3/	2.65	8.35	5.94	7.55	24.49	3.21	1.74	2.44	2.80	10.19	.94	1.04

1/ Based on "Export to" data.
2/ Through mid-November.
3/ Not included are 1.1 million tons of wheat and feedgrains from East Europe in 1975/76.

Quarterly Flow of Wheat Shipments to the PRC by Origin 1/
(Million Metric Tons)

	1975/76					1976/77					1977/78	
	Jul-Sept	Oct-Dec	Jan-Mar	Apr-Jun	Total	Jul-Sept	Oct-Dec	Jan-Mar	Apr-Jun	Total	Jul-Sept	Oct-Dec
WHEAT												
USA	--	--	--	--	--	--	--	--	--	--	--	--
CANADA	0.32	0.29	0.31	0.29	1.20	0.31	0.10	0.53	0.98	1.92	0.76	0.23 2/
AUSTRALIA	.25	.22	.31	.25	1.02	.23	.17	.16	.18	.74	1.10	1.43 3/
ARGENTINA	--	--	--	--	--	--	--	.16	.32	.48	.30	4/
TOTAL	.57	.51	.62	.54	2.22	.54	.27	.85	1.47	3.13	2.16	1.66

1/ Based on "export to" data.
2/ Through October.
3/ Through November.
4/ No data available.

percent of this year's spring wheat crop is estimated to be of the higher quality No. 1 and No. 2 Canadian wheat grades. These two grades accounted for more than 90 percent of the exceptionally good spring wheat crop harvested in 1976.

Canadian wheat exports during July-June 1977/78 are now estimated at 16 million tons, up 500,000 tons from the previous estimate, and slightly above the old export record of 15.6 million tons achieved during 1972/73. Canada's total grain exports in 1977/78 are now projected at approximately 20 million tons, marginally above the previous record set in 1972/73. Physical limitations on Canada's ability to move this volume of grain appear to have been eased somewhat by increased efficiency in the grains collection and distribution network, but export facilities are still likely to be operating at near capacity throughout the year. Increased efficiency in the grain handling system has come through the use of additional hopper cars for rail transporation of grain (these cars carry up to 3,000 bushels of wheat compared to 2,000 bushels carried by standard boxcars), better overall management of the rail transportation of grain, and improvements and expansion in the terminal handling facilities for grains. Canada has been exporting wheat at a stepped-up rate since July and as of the third week of November, exports totaled about 7.5 million tons, compared to about 4.9 million tons for the same five-month period in 1976.

Argentina's 1977 wheat crop estimate has been reduced 500,000 tons from the previous estimate to a level of 6 million tons, almost 50 percent lower than last year's record crop of 11 million tons, and the smallest crop since 1974/75. The current estimate of production is down about 1.5 million tons from expectations early in the season, as the result of drought-related damage. Rains in early October broke the nearly six-month-long dry spell in the south and southwest portions of the country, but were too late to significantly improve the crop prospects. The northeast and eastern portions of the country, however, received adequate moisture this season and better than average yields are expected in those areas. Argentina's total harvested area is expected to reach only about two-thirds of last year's total, reflecting grower dissatisfaction with early season wheat prices relative to other crops and livestock. In addition, the extended dry period in the south and southwest areas of the country prevented growers from realizing their planting intentions.

Argentina's wheat exports during July-June 1977/78 are now estimated at about 2.7 million tons, 400,000 tons below the previous estimate and less than half of last year's level of about 5.6 million tons. Export sales registrations by private traders and cooperatives for 1977 crop wheat were suspended in early October, but were temporarily eased to allow additional sales to neighboring South American countries. Sales registrations consequently now total about 1.4 million tons, compared to 1.3 million tons in October. The balance of the 1977 crop available for further export registration is relatively small, about 600,000 tons, and could be reserved for future sales under existing bilateral agreements.

Australia's drought conditions continued into the early harvest period over much of the country, but because of improved prospects in Western Australia following November rainfall, the wheat crop is now estimated to be up about 200,000 tons to 9.2 million tons. However, the crop is still expected to be the smallest since 1972/73 and 2.6 million tons below the 1976 production level. This production level plus carryover stocks of old crop wheat will make about 8.1 million tons of wheat available for export in the 1977/78 Australian marketing year (December-November), down more than 1 million tons from the 1976/77 level. The 1977/78 July-June export estimate is unchanged at 9.5 million tons. An interesting point of the current trade outlook, however, is that since most of the wheat available for export is either already committed or reserved for traditional buyers, the level of additional sales will remain somewhat unclear until deliveries from the current harvest become more certain.

West European wheat production prospects are down by about 2.5 million tons since the previous report, with the European Community accounting for most of the revision. The projected level of EC wheat imports in 1977/78 has been increased by half a million tons as a result of the latest downward production revision, and a greater need for imported, higher-quality, milling wheat. Current indications have also altered the outlook for the feed use of wheat in the Community. Wheat stocks in the Community had earlier been expected to increase this year, but it now appears likely that for the third year in successsion, wheat stocks will be drawn down.

While the East European wheat production estimate has not changed substantially since mid-November, there has been a minor decrease in estimated imports and a similar increase in the total export estimate. Upward revisions in wheat imports have been made for 1975/76 and 1976/77 to reflect additional historical wheat trade data for Romania and Poland.

The other notable revisions in wheat trade estimates have been for Bangladesh, Brazil, Morocco, and South Korea. Bangladesh imports are now forecast at 1.4 million tons compared to the previous estimate of 800,000 tons reflecting substantial wheat purchases made for 1977/78 to increase grain stock levels to 1 million tons by end-June 1978. These purchases have been made in spite of expectations of a large rice crop. Brazil's 1977/78 wheat import estimate is increased 400,000 tons to a record 3.8 million tons as a result of further deterioration in wheat crop prospects. Estimated imports for Morocco and South Korea have been reduced 300,000 tons and 200,000 tons respectively since the previous report.

The wheat import estimate for the PRC remains unchanged at 9.5 million tons, 8.9 million tons have so far been purchased for delivery during this period.

Coarse Grain Situation

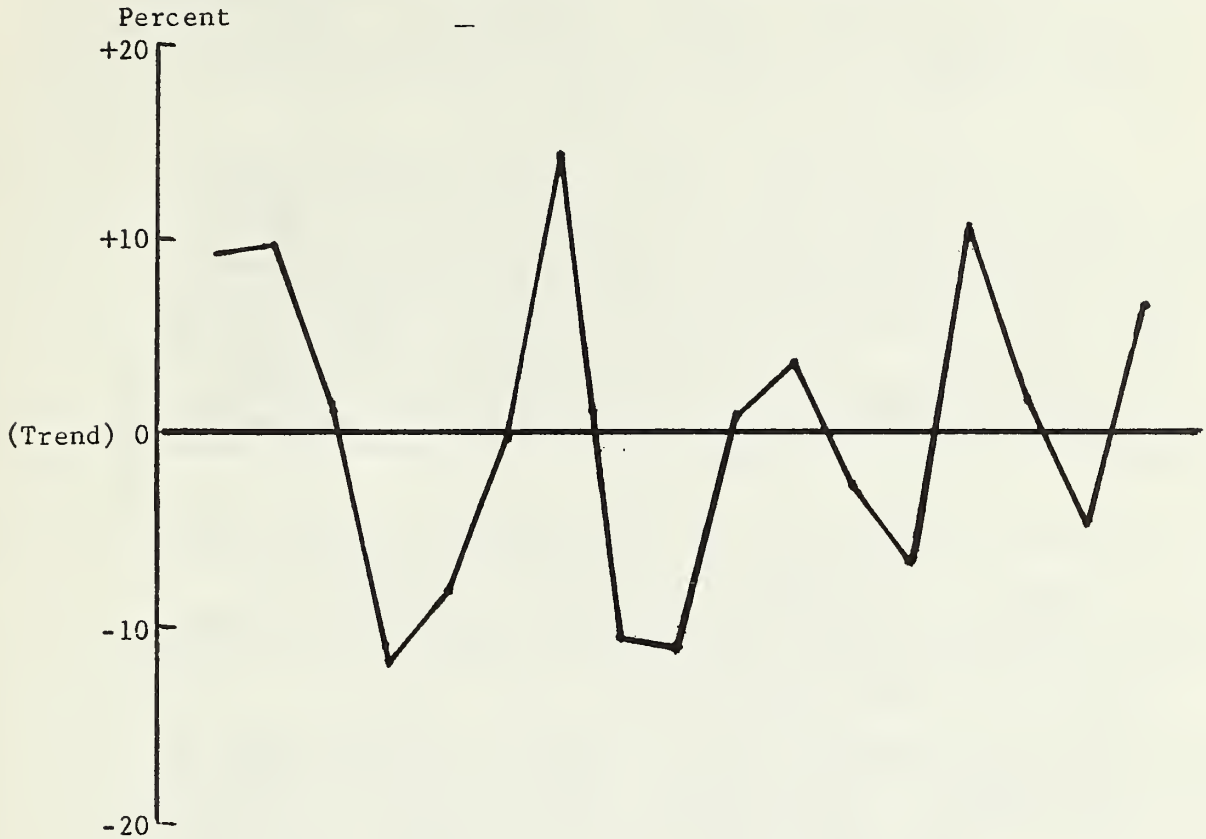
Global 1977 coarse grain production prospects of 684 million tons are down 500,000 tons from the previous estimate; appreciable downward adjustments for India, Indonesia, and Morocco were only partially offset by higher forecasts in Canada and East Europe. Crop prospects are mixed for the Southern Hemisphere exporting countries, but since the harvests are still several months away, and the major crops of corn and sorghum are normally subject to widely fluctuating weather-influenced yields (see graph), the estimates are still preliminary. The importance of these crops is evident when you consider that while in 1976/77 their production accounted for only 20 percent of the non-U.S. total, their exports accounted for more than 50 percent of total non-U.S. exports of corn and sorghum.

The large downward revision in the coarse grain crop estimate in India is the result of reductions of 600,000 tons for both barley and corn and 950,000 tons for millet. While monsoon performance was extremely beneficial for rice production in India, excessive rainfall and localized flooding caused substantial damage to the corn and millet crops in several areas. In addition, several of the high yield varieties of millet currently cultivated in the country have become increasingly susceptible to plant disease. Stocks of grain in the country are still at records levels, so the reduction in the coarse grain outturn is expected to have no impact on trade.

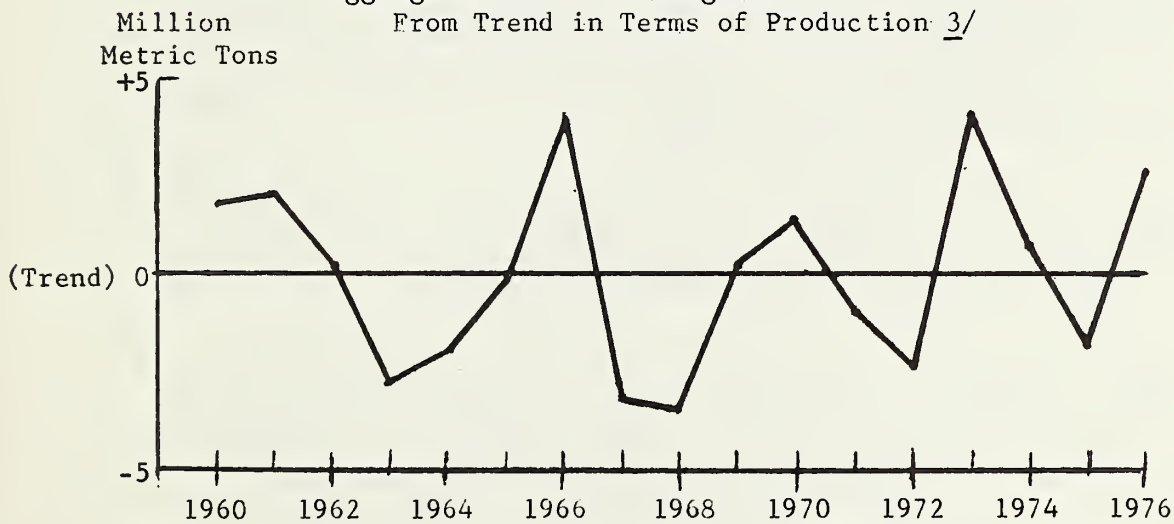
Canada's coarse grain production estimate has been raised by 1.1 million tons since the previous estimate due to officially revised production estimates; barley was revised upward 800,000 tons. With reduced world import demand for barley, however, most of the increase is expected to go into stocks.

Coarse grain production estimates for Argentina are moderately lower than in November, reflecting minor downward revisions for the barley, oats, and millet crops. However, the plantings of corn and sorghum, which comprise about 85 percent of the coarse grain crop, are reported to have taken place under extremely favorable conditions. Rainfall was reported to be more than ample, and periods of hot, humid weather were beneficial to early plant development. The area sown to corn this season is projected to increase by about 10 percent as producers have switched from other crops. With average growing conditions in the months ahead, the corn crop to be harvested next March-April should be about 7.8 million tons versus the 8.8 million tons produced during the past season when yields for the crops were exceptional. With land being diverted from wheat and with support from stronger cattle prices, sorghum sowings are reportedly being increased by about 15 percent. Assuming normal growing conditions in the months ahead, production is forecast at a record 6.5 million tons versus the 6.2 million ton crop produced last season.

Aggregated Corn and Sorghum Yield Deviations as a
Percent of Trend 1/ in Southern Hemisphere Exporting Countries 2/



Aggregated Corn and Sorghum Yield Deviations
From Trend in Terms of Production 3/



1/ Yield trend calculated on the basis of a 17 year period 1960-1976.
2/ Corn in Brazil, Argentina, South Africa and sorghum in Australia and Argentina.
3/ Yield deviations from trend times actual harvested area.

Argentina's coarse grain exports in July-June 1977/78 are currently estimated at about 9.2 million tons, up 600,000 ton from the previous estimate and only slightly below last year's export level. Corn exports are expected to be maintained at last year's high level of 4.4 million tons, but sorghum exports are currently expected to decline slightly, from the July-June 1976/77 record of 4.6 million tons.

Australia's coarse grain crops have been adversely affected by drought conditions in major producing areas. Barley production is estimated at 2.3 million tons, down nearly 20 percent from the 2.8 million ton crop produced in 1976 and the smallest crop since 1972. Sorghum production this season is still highly dependent on growing conditions during the months ahead, but is currently forecast at 900,000 tons, about the same level as the 1976 harvest. With reduced crop prospects, Australia's coarse grain exports during July-June 1977/78 are forecast at about 2.5 million tons, down 200,000 tons from the previous estimate and about 900,000 tons below the 1976/77 level.

Brazil's coarse grain production estimate for the current season is up 400,000 tons from the mid-November level reflecting an increase in the production estimate for the upcoming corn crop, now estimated at 18 million tons, compared to last year's 18.8 million ton record. Coarse grain exports in July-June 1977/78 are currently forecast at 1.1 million tons, unchanged from the previous estimate.

The 1977/78 coarse grain crop in East Europe has been revised upward to a record 60 million tons reflecting autumn weather conditions which were favorable for corn maturity and harvesting, particularly in Yugoslavia, where a record corn crop is expected this year. Even with this level of production, however, East European coarse grain imports in 1977/78 are revised upward by more than 1 million tons from the previous estimate to a record 9.1 million tons. The increases are accounted for by revisions in the import estimates for Poland (up about 500,000 tons), reflecting poor grain and potato crops, and for Romania (up 550,000 tons), as a result of storage losses in the 1976 corn crop and a reduced 1977 corn crop combined with rising domestic demand.

Estimated coarse grain production in West Europe is up slightly from the mid-November level to 87.5 million tons, but in view of the reduced wheat crop outturn, the forecast of coarse grain exports has been revised downward about 800,000 tons since the last report.

The combination of reduced West European coarse grain exports, and higher import estimates for East Europe, were two primary factors in a further 50 million bushel (1.3 million ton) increase in the 1977/78 U.S. marketing year export estimate of corn. The estimate of U.S. coarse grain exports on a July-June basis is unchanged. While the July-September 1977 volume of U.S. corn exports was fairly large, the 1978 July-September quarter will very likely be even larger because of expected heavier shipments to the USSR and several other large segments of the foreign market.

Rice Situation

World Rice production is now forecast at a record 362 million tons* due to estimated production increases for India, Bangladesh, Japan, Korea, and several other countries. However, the major developments in the world situation are sharply reduced crop prospects in Thailand and the recent export sales by several Asian producers normally not in an export position. World trade in calendar 1978 is projected at 8.2 million tons, unchanged from mid-November, but down more than 1 million tons from the revised 1977 level of 9.3 million tons. Even with a record crop and a reduction in world trade, world rice price quotations have risen sharply in recent months. A major reason for this increase is that while world rice stocks are estimated to increase this year as the result of record world production, these increased availabilities are not in the hands of traditional exporters. With the exception of the United States, major rice exporters are again expected to sell their entire export availabilities from the 1977/78 harvest. The PRC remains an uncertain factor in the trade outlook for 1978, but it is expected that their exports will increase somewhat in 1978 in response to decreased export availabilities from Thailand and increased world price levels.

Asian rice crop prospects for 1977/78 can be described as good-to-excellent in nearly all countries except Laos, Cambodia, Vietnam, Thailand, and Indonesia. While information from Laos, Cambodia, and Vietnam is fragmentary, data indicate that prolonged drought conditions in major production areas have held production prospects well below targeted goals. In addition to wheat, Vietnam is importing substantial quantities of rice in 1977 and will likely do so again in 1978. Through October, Vietnam had imported about 75,000 tons of rice from Thailand, with similar quantities also believed to be coming from Burma.

The 1977/78 Indonesian crop, revised downward more than 1 million tons to 22.4 million tons, is reported to have suffered substantial damage due to continued drought, pest infestations, and plant diseases. The drought has been particularly serious in West Java, Central Java, the western portion of East Java, South Sulawesi, West Nusatenggara, and Lombok. In recent years, these areas have accounted for over two-thirds of the total rice crop. Imports to date, plus purchases for delivery before the end of the current April-March marketing year, total about 2.5 million tons. Imports in calendar 1978 are projected at 1.9 million tons, the same as the revised 1977 levels, but could be even larger if the current drought conditions persist. Rice is grown and harvested during the entire year in Indonesia, a situation which contributes to pest infestations and plant diseases. The bulk of the harvest, however, occurs in April through June. Continued drought could therefore have a substantial impact on production prospects for the harvest beginning late in the spring, and it is quite likely that concern over this upcoming harvest period has strongly influenced recent purchases.

* All production figures are on a paddy basis; trade and stocks are expressed on a milled basis.

Indonesia's recent purchases for nearby delivery have been from traditional sources including Pakistan (100,000 tons), Burma (110,000 tons), Thailand (270,000 tons), the PRC (300,000 tons), and North Korea (100,000 tons), but also include arrangements from countries which normally do not export rice, such as Japan (100,000 tons), Taiwan (200,000 tons), South Korea (70,000 tons), and the Philippines (25,000 tons).

Japan's 16.3 million ton rice crop is more than a million and a half tons larger than the 1976/77 outturn, and is projected to increase Japan's November 1978 carryout stock level to about 4.5 million tons, the highest level since November 1971. As a result of increasing rice stocks and declining domestic rice consumption, the Government's rice production plan for 1978 is designed to cut production by 1.7 million tons to about 14.6 million tons.

In recent years, Japan has provided food aid assistance through triangular transactions, i.e., financing rice purchases from exporters to recipient countries, but has also recently agreed to provide aid to Indonesia using 100,000 tons of domestically produced rice. These exports, scheduled for shipment beginning this month, will be the first Japanese rice exports since 1975. While rice production in Japan is supported at about $1,100 per ton (brown rice basis), the price set for the aid is reported to be only about $290 per ton (milled basis).

South Korea's 1977/78 crop, estimated at a record 8.1 million tons, is up 900,000 tons from the previous record level of 1976/77. Even though rice consumption is forecast to increase more than 10 percent in 1977/78, stock levels are projected to increase further to 1.2 million tons by the end of the current November-October marketing year.

A major factor causing increased consumption in South Korea this year is the recently announced action requiring the use of rice instead of wheat flour in the manufacture of the traditional Korean beverage. The use of rice for this purpose has been banned for the past 14 years, but the continuing buildup of rice inventories and the likely reduction in the volume of wheat imports, influenced the Government to make the switch from flour effective December 1. South Korea has also agreed to provide Indonesia with 70,000 tons of rice on a 15-year loan basis with repayment in kind to commence in 5 years. The rice is scheduled for delivery by the end of January and will come from the 1976/77 Korean crop.

Ideal growing conditions in the Philippines have increased rice production prospects by about 10 percent this year. The 1977/78 rice crop is currently forecast at a record 7.1 million tons, 600,000 tons larger than the previous record crop produced in 1976/77. Old crop carryover stocks in July 1977 of nearly 1 million tons, equal to about three months domestic consumption, are considered adequate to provide at least a limited quantitiy of rice for export. In mid-November the Philippines sold 15,000 tons of 30 percent broken rice to Indonesia for about $285 per ton. An additional 10,000 ton sale to Indonesia was made in early December but specific price and quality information were not announced. The Philippines is also discussing the sale of 10,000 tons of rice to Vietnam. These sales represent the first substantial exports of rice

since 1968 when 37,000 tons of rice were exported. The current rice surplus is the result of several good growing seasons in a row, and could be easily upset by poor weather during the next crop year. This possiblity, plus the low quality of much of the Philippines rice is expected to minimize rice exports in 1978, although additional limited sales are possible.

A preliminary survey of Thailand's current crop indicates sharply reduced production prospects this year due to drought damage. The smaller second crop produced in the spring is also likely to be reduced from the 1976 level due to the expected limited availability of irrigation water. Government officials have announced that Thailand's rice exports in 1978 "will be at least 1 million tons and could exceed 1.5 million tons given a good second crop," but the 500,000 ton reduction in the crop estimate to 14.5 million tons will likely limit exports to, at most, about 1.5 million tons in 1978. To reach even this level of exports, consumption increases in Thailand can be no more than marginal in 1978.

Thailand has taken steps which should slow exports by private traders, but government-to-government sales are unaffected by the actions. As of mid-November, private exporters selling 100 percent first grade white rice (no brokens), 5 to 45 percent grade white rice (5 to 45 percent brokens), A-1 super grade broken white rice (100 percent brokens), or high grade glutinous rice, must sell rice to the government at a fixed price in the amount of 50 percent of the quantity they wish to export. This means that if an exporter wishes to export 50,000 tons of rice, he must sell an additional 25,000 tons to the government at a fixed price. All other grades of rice carry a 20 percent sale requirement. The rice sold to the government must be 15 percent grade white rice and is to be sold to the government at the fixed price of $148 per ton, about half the current export price quotation for this grade of rice.

Thailand's rice price quotations increased sharply during November following relatively minor fluctuations throughout most of 1977. Top quality 100 percent first grade rice was quoted at $345 per ton FOB Bangkok at the end of November compared to $309 per ton at the beginning of the month. Quotations for 10 percent broken rice increased $35 per ton during the month to $295 per ton.

The rice production series for the People's Republic of China has been revised for the period 1964 through 1977, following an official Chinese release in late September which provided rice area and production data for the 1976/77 crop. The revised 1976/77 production level of 125.5 million tons is 7.5 million tons larger than the previous estimate. According to the Chinese, the increased production level was achieved through expansion of planted area and irrigation, double cropping and the use of high yield varieties. The 1977/78 crop is still estimated at 2 million tons above the previous year's outturn.

India's 1977/78 rice production, even taking into account the estimated half-million tons damage caused by recent typhoons, is now expected to reach a record 74.3 million tons of paddy (49.5 million tons milled), 10 million tons larger than 1976 production and slightly more than 1 million tons larger than the previous record 1975 crop. Timely arrival of the southwest monsoon provided favorable conditions for sowing and transplanting of rice this season. The crop was aided by generally consistent, prolonged, and evenly distributed rainfall throughout the growing season. The area planted to high yield rice varieties was expanded this year and fertilizer use was also above previous levels. Crop losses due to pest and plant diseases are reported at a minimum this year. In recent years, India has exported about 30,000 tons of higher quality Basmati rice annually; for this year India also recently agreed to supply 50,000 tons of rice to Indonesia. Further exports sales may be possible in 1978 given the current rice stock level in India, but will likely depend on world demand for lower quality rice.

The main fall crop in Bangladesh has matured under favorable growing conditions and total 1977/78 production is now forecast at 18.8 million tons, more than 1 million tons above the 1976/77 production level. As a result, projected imports in calendar 1978 of about 300,000 tons will be down sharply from the revised 1977 level of 500,000 tons.

Burma's 1977/78 crop has reportedly been affected by localized drought conditions and production has been revised downward 200,000 tons. Exports in 1978 are projected at about 600,000 tons, the same level as the past 2 years, but could be even lower depending on the final crop outturn.

Brazil's rice crop to be harvested in February-May is forecast at 7.8 million tons compared to the 1976/77 production level of 8 million tons. Domestic consumption is expected to exceed production in the upcoming April-March marketing year, and therefore exports and ending stocks are both expected to decrease. Calendar 1978 exports are projected at about 100,000 tons, only one-quarter of the 1977 level. Exports for the period January through August 1977 totalled just over 260,000 tons.

Production prospects in Argentina and Venezuela have so far been favorable. Record production now forecast for Venezuela is expected to meet domestic requirements in 1978 without the need for imports. Argentina's production is expected to increase somewhat this year in response to stronger domestic and world prices and should be adequate to continue exports at about 100,000 tons in 1978.

Australia's 1977/78 rice crop is expected to be at least as large as last year's record 530,000 ton crop and could be slightly larger if growing conditions continue to be favorable. The crop was sown under excellent conditions and total area planted to rice is estimated to have increased this year. Exports in 1978 are projected at about 300,000 tons.

U.S. rice commitments totalled 1,350,000 tons as of December 4. U.S. price quotations have increased substantially since the beginning of this marketing year with No. 2, 4 percent broken long grain quoted at about $535/ton FAS as of December 13. For the same date, No. 5, 10 percent broken long grain was quoted at about $375/ton while No. 5, 20 percent medium grain was quoted at about $364/ton.

WORLD TOTAL GRAIN AREA 1)
(HARVESTED)
(IN MILLIONS OF HECTARES)

	1960 - 1972		1973	1974	1975	1976 2)	1977 AS OF NOV 11	1977 3) AS OF DEC 19
	HIGH (1968)	LOW (1961)						
SELECTED EXPORTERS 4)	53.9	41.9	51.6	48.7	50.6	54.3	53.6	53.6
USSR	114.3	115.6	118.2	119.1	120.1	120.3	122.0	122.0
PRC	74.0	71.9	76.0	77.1	78.4	78.6	78.6	78.6
WEST EUROPE	41.6	40.5	41.0	41.4	40.6	40.7	40.0	39.8
EAST EUROPE	31.0	32.1	29.6	29.4	29.6	29.6	29.6	29.6
BRAZIL	10.7	85.0	13.4	13.4	14.6	15.7	14.5	14.1
INDIA	61.9	57.5	65.5	61.5	61.9	62.8	64.0	62.6
OTHERS	109.8	23.2	108.9	111.9	113.9	115.4	115.0	114.2
TOTAL NON-US	497.2	467.7	504.2	502.5	509.8	517.5	517.4	514.6
UNITED STATES	62.1	64.2	63.6	67.9	70.6	71.9	70.9	70.2
WORLD TOTAL	559.3	531.9	567.8	570.4	580.4	589.4	588.3	584.8

TOTAL GRAIN YIELDS 1)
(BASED ON HARVESTED AREA)
(IN METRIC TONS PER HECTARE)

	1973	1974	1975	1976 2)	1977 AS OF NOV 11	1977 3) AS OF DEC 19
SELECTED EXPORTERS 4)	1.82	1.65	1.75	1.93	1.66	1.70
USSR	1.78	1.54	1.10	1.76	1.48	1.48
PRC	1.20	1.27	1.30	1.34	1.30	1.30
WEST EUROPE	3.29	3.43	3.20	3.04	3.43	3.39
EAST EUROPE	2.95	3.10	2.97	3.18	3.16	3.19
BRAZIL	1.40	1.47	1.37	1.42	1.46	1.46
INDIA	0.82	0.77	0.88	0.93	0.91	0.90
OTHERS	1.00	1.04	1.11	1.16	1.11	1.11
TOTAL NON-US	1.59	1.55	1.45	1.65	1.56	1.57
UNITED STATES	3.66	2.94	3.43	3.49	3.63	3.66
WORLD TOTAL	1.82	1.71	1.69	1.88	1.81	1.82

1) EXCLUDES RICE.
2) PRELIMINARY.
3) PROJECTION BASED ON CONDITIONS TO DATE.
4) ARGENTINA, AUSTRALIA, CANADA, SOUTH AFRICA AND THAILAND.

RICE AREA AND YIELD
SELECTED COUNTRIES & WORLD TOTAL
MILLION HECTARES/MT PER HECTARE

	HARVESTED AREA				COMPARATIVE YIELD 3)			
	1974	1975	1976 1)	1977 2)	1974	1975	1976 1)	1977 2)
ARGENTINA	0.1	0.1	0.1	0.1	3.94	3.55	3.52	3.48
BANGLADESH	9.7	10.3	10.1	10.2	1.76	1.85	1.76	1.83
BRAZIL	5.2	6.0	5.4	5.2	1.33	1.42	1.48	1.50
BURMA	5.0	5.0	5.0	5.0	1.72	1.83	1.87	1.90
COLOMBIA	0.4	0.4	0.4	0.3	4.34	4.34	4.23	3.79
INDIA	37.9	39.5	38.6	39.8	1.57	1.85	1.66	1.87
INDONESIA	8.5	8.5	8.4	8.2	2.64	2.63	2.78	2.73
JAPAN	2.7	2.8	2.8	2.8	5.64	5.95	5.30	5.93
KOREA, REP OF	1.2	1.2	1.2	1.2	5.13	5.32	5.96	6.60
PAKISTAN	1.6	1.7	1.7	1.7	2.16	2.30	2.32	2.32
PHILIPPINES	3.4	3.6	3.5	3.7	1.66	1.73	1.82	1.93
PRC	34.2	35.5	35.9	36.0	3.51	3.56	3.50	3.54
THAILAND	8.2	8.5	8.5	8.6	1.76	1.79	1.85	1.74
TAIWAN	0.8	0.8	0.8	0.8	4.27	4.14	4.53	4.48
USSR	0.5	0.5	0.5	0.5	3.86	4.02	3.82	4.01
UNITED STATES	1.0	1.1	1.0	0.9	4.97	5.12	5.24	5.04
OTHERS	16.8	17.5	17.9	18.4	2.27	2.29	2.19	2.21
WORLD TOTAL	137.2	143.0	141.8	143.5	2.40	2.52	2.46	2.53

1) PRELIMINARY
2) PROJECTION
3) ROUGH RICE BASIS

WORLD WHEAT AND FLOUR TRADE
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	14.9	14.8	8.9	8.7	9.0	11.5	13.7	15.6	11.5	11.2	12.1	12.9	16.0
AUSTRALIA	5.6	6.9	7.0	5.4	7.4	9.5	8.7	5.6	5.4	8.2	7.9	8.4	9.5
ARGENTINA	7.9	3.1	1.4	2.7	2.1	1.6	1.3	3.4	1.1	2.2	3.2	5.6	2.7
SUB-TOTAL	28.4	24.9	17.3	16.8	18.4	22.7	23.7	24.6	18.0	21.6	23.2	27.0	28.2
WEST EUROPE	5.0	4.6	5.3	5.1	7.0	3.7	4.5	6.8	5.8	8.2	9.5	5.8	6.4
EAST EUROPE	0.9	1.7	2.3	2.0	1.3	0.9	0.9	0.9	2.0	1.7	1.3	1.8	1.9
USSR	2.6	4.4	5.3	5.8	6.4	7.2	5.8	1.3	5.0	4.0	0.5	1.0	2.0
OTHERS	1.2	0.7	0.6	0.6	0.8	0.3	0.6	1.9	0.7	0.3	0.3	1.0	2.2
TOTAL NON-US	38.1	36.2	30.9	30.4	33.9	34.8	35.5	35.6	31.6	35.7	34.8	36.7	40.7
UNITED STATES	23.4	20.0	20.2	14.7	16.5	19.9	16.9	31.8	31.1	28.0	31.5	25.4	29.7
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.8	66.3	62.1	70.4
IMPORTS													
JAPAN	3.5	4.3	4.0	4.2	4.4	4.8	5.0	5.5	5.4	5.4	5.9	5.5	5.6
WEST EUROPE	9.9	9.7	7.8	8.6	8.6	11.0	7.9	8.1	6.4	6.0	6.4	4.6	7.2
EAST EUROPE	7.2	5.4	4.9	4.3	4.7	6.7	5.2	4.6	5.6	4.7	5.5	7.0	5.4
USSR	8.5	3.1	1.5	0.2	1.1	0.5	3.5	15.6	4.5	2.5	10.1	4.5	8.0
PRC	6.3	5.0	4.2	3.5	5.1	3.7	3.0	5.3	5.6	5.7	2.2	3.1	9.5
SUB-TOTAL	35.5	27.4	22.4	20.8	24.0	26.7	24.6	39.1	27.6	24.3	30.1	24.8	35.8
AFRICA 1)	3.7	5.2	5.4	3.7	3.9	5.1	5.2	5.1	6.9	7.6	8.0	8.2	9.2
L. AMERICA 2)	3.9	4.6	5.1	4.3	3.9	3.9	4.4	6.2	6.4	5.1	6.3	5.4	7.8
WEST ASIA 3)	1.2	2.0	1.7	1.8	2.4	2.8	4.6	2.0	3.3	5.0	2.6	3.7	4.8
SOUTH ASIA 4)	9.1	9.1	9.3	5.4	5.4	4.4	4.8	5.8	7.5	10.8	10.8	6.1	4.4
OTHER ASIA 5)	1.5	1.4	1.9	2.3	2.8	3.0	3.1	3.0	2.9	2.7	2.5	3.4	3.2
OTHERS	6.4	6.4	5.3	6.6	8.0	8.9	5.7	6.0	8.2	8.3	5.9	10.6	5.3
WORLD TOTAL	61.4	56.2	51.1	45.1	50.4	54.8	52.4	67.4	62.6	63.8	66.3	62.1	70.4

1) ALGERIA, EGYPT, LIBYA, MOROCCO, NIGERIA, SUDAN AND TUNISIA.
2) MEXICO, BRAZIL, CHILE, COLOMBIA, PERU AND VENEZUELA.
3) IRAN, IRAQ, ISRAEL, JORDAN, LEBANON, SAUDI ARABIA, SYRIA AND TURKEY.
4) BANGLADESH, INDIA, INDONESIA, PAKISTAN AND SRI LANKA.
5) REP. OF KOREA, PHILIPPINES AND TAIWAN.

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
DATA EXCLUDE INTRA EC-9 TRADE; U.S. DATA ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WHEAT AND WHEAT FLOUR
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
ALGERIA	401	934	664	700	275	646	885	646	1,585	1,906	1,663	1,289	1,200
EGYPT	2,344	2,498	2,782	1,940	2,220	2,527	2,670	3,040	3,180	3,490	3,800	4,100	4,400
LIBYA	149	157	184	215	208	234	274	240	288	300	310	450	350
MOROCCO	359	1,012	960	264	255	645	653	461	1,040	1,105	1,235	973	1,600
NIGERIA	140	170	130	144	244	385	350	397	326	342	519	710	800
SUDAN	148	209	215	196	119	244	143	93	182	127	176	182	220
TUNISIA	199	256	433	263	539	381	229	237	290	285	301	470	630
SUB-TOTAL	3,740	5,236	5,368	3,722	3,860	5,062	5,204	5,114	6,891	7,555	8,004	8,174	9,200
WEST HEMISPHERE													
MEXICO	7	1	1	1	49	5	409	650	790	832	1	0	900
BRAZIL	2,321	2,637	3,029	2,384	2,070	1,795	1,603	2,942	2,682	1,728	3,705	2,696	3,800
CHILE	311	641	462	350	196	465	540	910	1,126	768	788	735	1,000
COLOMBIA	236	199	273	256	217	350	446	278	472	339	339	380	400
PERU	501	550	624	564	635	658	663	825	739	866	825	850	950
VENEZUELA	556	591	698	771	753	594	773	635	599	540	671	740	780
SUB-TOTAL	3,932	4,619	5,087	4,326	3,920	3,867	4,434	6,240	6,408	5,073	6,329	5,401	7,830
ASIA													
IRAN	143	220	51	1	1	103	1,116	736	600	1,650	252	1,200	1,500
IRAQ	6	126	315	70	87	156	889	13	549	750	500	700	1,400
ISRAEL	233	269	282	425	470	475	438	282	363	350	492	462	410
JORDAN	126	172	114	148	125	127	123	181	193	170	200	250	275
LEBANON	260	336	399	289	297	436	448	265	404	298	346	363	210
SAUDI ARABIA	200	240	182	140	290	320	350	310	317	554	567	465	350
SYRIA	70	345	283	193	251	612	698	215	233	191	222	235	625
TURKEY	132	258	45	551	881	568	555	27	607	1,018	20	0	0
SUB-TOTAL	1,170	1,966	1,671	1,817	2,402	2,797	4,617	2,029	3,266	4,981	2,599	3,675	4,770
BANGLADESH	0	0	0	0	0	0	1,071	2,176	1,608	2,057	1,650	636	1,400
INDIA	7,645	6,576	6,533	3,801	3,039	2,309	1,609	1,014	3,644	5,656	6,660	3,562	300
INDONESIA	20	40	170	335	685	455	487	686	576	846	834	1,000	1,070
PAKISTAN	1,236	1,759	2,131	756	1,085	1,075	1,027	1,359	999	1,574	1,025	373	900
SRI LANKA	238	742	513	558	563	576	610	561	668	700	638	526	700
SUB-TOTAL	9,139	9,117	9,347	5,450	5,372	4,415	4,804	5,796	7,495	10,833	10,807	6,097	4,370
REP. OF KOREA	600	654	859	1,117	1,670	1,750	1,848	1,779	1,627	1,577	1,445	1,993	1,750
PHILIPPINES	502	494	653	588	560	568	689	613	524	503	550	775	800
TAIWAN	384	264	406	575	580	687	541	657	705	626	527	600	620
SUB-TOTAL	1,486	1,412	1,918	2,280	2,810	3,005	3,078	3,049	2,856	2,706	2,522	3,368	3,170
TOTAL	19,467	22,350	23,391	17,595	18,364	19,146	22,137	22,228	26,916	31,148	30,261	26,715	29,340

NOTE: PRODUCTS OTHER THAN FLOUR ARE EXCLUDED; FLOUR CONVERTED TO GRAIN EQUIVALENT BASIS.
YEARS BEGINNING JULY 1

WORLD COARSEGRAIN TRADE 1)
YEARS BEGINNING JULY 1
(IN MILLIONS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
EXPORTS													
CANADA	1.2	1.3	1.2	0.6	1.4	4.2	4.6	4.2	2.9	2.8	4.9	4.5	4.1
AUSTRALIA	0.5	0.9	0.4	0.9	0.9	2.2	3.2	1.6	1.9	2.9	3.2	3.4	2.5
ARGENTINA	3.8	6.5	4.0	5.6	6.0	7.6	6.2	4.2	8.4	8.5	5.3	9.5	9.2
S. AFRICA	0.6	0.9	3.3	2.4	1.1	1.1	3.1	3.3	0.5	3.5	3.4	1.4	2.8
THAILAND	1.2	1.3	1.3	1.3	1.6	1.8	2.3	1.1	2.3	2.2	2.6	2.3	1.0
BRAZIL	0.6	0.6	0.7	1.2	0.6	2.0	0.6	0.5	0.0	1.5	1.4	1.3	1.1
SUB-TOTAL	7.9	11.5	10.9	12.0	11.6	18.9	19.9	15.0	15.9	21.4	20.7	22.4	20.8
WEST EUROPE	2.2	2.6	2.7	3.2	4.1	4.1	5.2	5.1	5.5	4.5	4.9	2.9	4.2
EAST EUROPE	1.2	1.7	2.0	1.5	1.4	1.5	0.6	1.4	2.5	1.2	2.9	1.1	2.5
USSR	2.2	0.8	1.0	1.1	1.1	1.1	0.9	0.4	0.9	1.0	0.0	2.0	0.0
OTHERS	2.9	2.2	2.3	2.8	1.8	1.3	1.3	1.8	1.5	1.2	1.5	2.1	1.7
TOTAL NON-US	16.4	18.9	18.9	20.6	19.9	26.9	28.0	23.8	26.3	29.4	30.0	30.5	29.3
UNITED STATES	25.4	20.9	19.7	16.0	19.2	19.4	20.8	35.6	44.5	34.3	46.5	51.8	51.3
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	70.8	63.7	76.5	82.3	80.6
IMPORTS													
JAPAN	5.2	7.2	7.7	8.5	10.0	10.5	10.3	12.0	14.1	13.1	13.5	15.9	16.6
WEST EUROPE	25.3	24.0	22.9	19.6	19.5	24.1	20.4	22.0	26.8	26.7	24.8	34.0	25.7
EAST EUROPE	3.9	2.0	2.5	2.7	2.9	3.6	4.9	5.1	3.8	6.4	6.8	8.3	9.1
USSR	0.0	0.2	0.4	0.5	0.1	0.3	4.3	6.9	6.5	2.7	15.5	5.5	11.0
PRC	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.8	2.1	0.5	0.0	0.0	0.2
SUB-TOTAL	34.5	33.4	33.6	31.3	32.6	38.4	40.4	46.9	53.2	49.5	60.6	63.7	62.6
AFRICA 2)	0.4	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.8	1.1	1.0	1.1	1.1
L. AMERICA 3)	0.2	0.2	0.2	0.5	0.8	1.3	0.7	1.8	2.8	3.6	2.5	2.2	3.1
ASIA 4)	2.1	3.3	2.9	1.8	2.4	2.6	4.1	4.8	5.0	4.9	5.9	6.2	7.4
OTHERS	4.7	2.7	1.6	2.8	3.1	3.6	3.3	5.4	8.9	4.7	6.4	9.0	6.4
WORLD TOTAL	41.8	39.8	38.7	36.6	39.2	46.3	48.7	59.4	70.8	63.7	76.5	82.3	80.6

1) CORN, SORGHUM, BARLEY, OATS AND RYE.
2) EGYPT, LIBYA, TANZANIA AND ZAIRE.
3) CHILE, MEXICO AND VENEZUELA.
4) HONGKONG, INDIA, IRAN, IRAQ, ISRAEL, REP. OF KOREA, PHILIPPINES, LEBANON, MALAYSIA AND TAIWAN.

NOTE: DATA EXCLUDE PRODUCTS; INTRA EC-9 TRADE EXCLUDED; ADJUSTED FOR TRANSSHIPMENTS THROUGH CANADA.

WORLD COARSEGRAIN TRADE 1)
IMPORTS BY SELECTED COUNTRIES
(IN THOUSANDS OF METRIC TONS)

	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72	1972/73	1973/74	1974/75	1975/76	PRELIM 1976/77	PROJECT 1977/78
AFRICA													
EGYPT	256	114	269	15	64	76	48	130	450	460	500	700	650
LIBYA	17	19	53	48	74	151	121	143	74	125	125	125	125
TANZANIA	15	7	4	0	47	0	43	114	161	291	200	56	100
ZAIRE	72	81	38	95	60	85	95	85	150	180	200	232	205
SUB-TOTAL	360	221	364	158	245	312	307	472	835	1,056	1,025	1,113	1,080
WEST HEMISPHERE													
MEXICO	146	77	114	52	439	571	118	873	1,909	2,806	1,792	1,085	2,376
CHILE	40	68	134	212	250	352	275	318	146	132	63	45	30
VENEZUELA	34	25	1	232	117	392	278	629	743	670	639	1,030	700
SUB-TOTAL	220	170	249	496	806	1,315	671	1,820	2,798	3,608	2,494	2,160	3,106
ASIA													
HONG KONG	96	86	117	141	176	158	163	137	150	160	160	160	150
IRAN	5	1	33	71	24	23	276	105	200	415	473	680	900
IRAQ	0	0	0	0	1	1	250	0	0	0	0	30	140
ISRAEL	444	636	647	582	792	735	828	923	968	1,125	1,123	1,175	1,115
LEBANON	141	96	154	110	138	136	213	165	143	170	145	145	175
INDIA	1,163	2,237	1,314	56	314	16	23	480	1,055	446	721	0	0
REP. OF KOREA	112	30	225	298	251	414	624	884	699	998	724	1,400	2,200
MALAYSIA	52	63	68	102	124	169	197	256	229	237	345	377	409
PHILIPPINES	22	37	14	22	11	30	166	116	90	159	54	141	150
TAIWAN	63	83	284	442	580	878	1,353	1,691	1,510	1,195	2,122	2,135	2,200
SUB-TOTAL	2,098	3,269	2,856	1,824	2,411	2,560	4,093	4,757	5,044	4,905	5,867	6,243	7,439
TOTAL	2,678	3,660	3,469	2,478	3,462	4,187	5,071	7,049	8,677	9,569	9,386	9,516	11,625

1) CORN, SORGHUM, BARLEY, OATS AND RYE.

NOTE: DATA EXCLUDE PRODUCTS; TRADE YEARS BEGINNING JULY 1

FEEDGRAINS: S & D
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC UTILIZATION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			CORN (APRIL-MARCH)					
BRAZIL								
(66)1967/68 5)	9,274	1.38	12,824	10,950	665	945	483	4,010
(67)1968/69 7)	9,584	1.34	12,814	11,484	1,135	914	1,181	4,162
(68)1969/70 1)	9,654	1.31	12,693	13,926	554	979	610	2,320
(69)1970/71 1)	9,858	1.44	14,216	12,700	2,036	1,613	1,788	2,049
(70)1971/72 1)	10,550	1.34	14,130	13,239	593	343	948	1,993
(71)1972/73 7)	10,539	1.41	14,891	16,415	137	62	172	300
(72)1973/74...	9,908	1.42	14,109	13,567	27	872	42	800
(73)1974/75...	11,262	1.45	16,284	15,273	1,424	1,121	1,311	500
(74)1975/76...	10,800	1.51	16,354	15,586	1,315	1,315	968	300
(75)1976/77...	11,200	1.60	17,885	16,174	1,337	1,505	1,511	500
(76)1977/78 2)	11,800	1.59	18,800	17,200	1,100	550	1,300	800
(77)1978/79 3)	11,000	1.64	18,000	18,000			300	500
			CORN (APRIL-MARCH)					
ARGENTINA								
(66)1967/68...	3,450	2.32	8,000	3,828	3,186	2,503	4,153	33
(67)1968/69 1)	3,378	1.94	6,560	3,134	3,968	4,381	3,448	12
(68)1969/70...	3,556	1.93	6,860	3,124	4,346	4,673	3,740	8
(69)1970/71...	4,017	2.33	9,360	3,840	5,333	5,682	5,510	18
(70)1971/72 1)	4,066	2.44	9,930	2,817	4,801	3,792	6,436	696
(71)1972/73 1)	3,147	1.86	5,860	3,981	2,832	3,913	2,040	536
(72)1973/74...	3,565	2.52	9,000	3,892	5,105	5,195	5,066	578
(73)1974/75...	3,486	2.84	9,900	4,615	5,831	4,827	5,399	464
(74)1975/76...	3,070	2.51	7,700	3,897	2,593	2,674	3,517	750
(75)1976/77...	2,766	2.12	5,855	3,262	4,384	5,385	3,238	105
(76)1977/78 2)	2,683	3.28	8,800	3,800	4,400	3,900	5,000	105
(77)1978/79 3)	2,900	2.69	7,800	4,000			3,800	105
			CORN (MAY-APRIL)					
SOUTH AFRICA								
(66)1967/68...	4,589	2.13	9,762	4,471	3,107	3,447	2,899	3,074
(67)1968/69...	4,728	1.12	5,316	4,885	2,168	1,415	2,671	834
(68)1969/70 4)	4,387	1.22	5,340	5,008	1,096	1,511	796	873
(69)1970/71 5)	4,217	1.45	6,132	5,159	915	1,133	1,104	751
(70)1971/72 6)	4,402	1.95	8,600	5,173	2,829	2,912	2,555	1,625
(71)1972/73...	4,578	2.07	9,483	5,540	3,181	2,240	3,562	2,006
(72)1973/74...	3,611	1.15	4,160	5,544	371	1,230	157	465
(73)1974/75...	4,463	2.49	11,105	6,325	3,324	3,290	3,227	2,018
(74)1975/76...	4,488	2.04	9,140	6,388	3,181	2,797	3,206	1,564
(75)1976/77...	4,549	1.61	7,312	6,449	1,334	1,450	1,465	974
(76)1977/78 2)	4,453	2.15	9,592	6,666	2,800	2,900	2,600	1,300
(77)1978/79 3)	4,550	2.09	9,500	6,700			2,800	1,300
			CORN (JULY-JUNE)					
THAILAND								
(67)1967/68...	598	2.20	1,315	55	1,214	1,291	1,214	54
(68)1968/69...	606	2.49	1,507	104	1,289	1,298	1,289	168
(69)1969/70...	690	2.46	1,700	176	1,502	1,680	1,502	190
(70)1970/71...	749	2.59	1,938	220	1,663	1,470	1,663	245
(71)1971/72...	824	2.79	2,300	280	2,111	2,045	2,111	154
(72)1972/73...	997	1.32	1,320	300	1,039	1,505	1,039	135
(73)1973/74...	1,044	2.25	2,350	341	2,131	2,138	2,131	13
(74)1974/75...	1,082	2.26	2,450	450	1,979	1,947	1,979	34
(75)1975/76...	1,336	2.28	3,050	556	2,386	2,411	2,386	142
(76)1976/77 2)	1,400	1.96	2,750	728	2,116	1,925	2,116	48
(77)1977/78 3)	1,463	1.26	1,850	900	900	900	900	98

Continued

FEEDGRAINS: S&D (CONTINUED)
SELECTED MAJOR FOREIGN EXPORTERS
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC UTILIZATION	EXPORTS JULY-JUNE	EXPORTS OCT-SEPT	EXPORTS MRKT YR	ENDING STOCKS MRKT YR
			GRAIN SORGHUM (APRIL-MARCH)					
ARGENTINA								
(66)1967/68 6)	764	1.81	1,380	980	409	413	404	11
(67)1968/69 7)	1,083	1.75	1,897	1,088	1,228	1,354	809	14
(68)1969/70 1)	1,302	1.91	2,484	1,136	1,461	1,624	1,354	9
(69)1970/71 1)	1,872	2.04	3,820	2,212	1,960	2,152	1,603	15
(70)1971/72 1)	2,235	2.09	4,660	2,249	1,141	719	2,215	212
(71)1972/73 1)	1,419	1.66	2,360	1,810	1,060	1,766	474	289
(72)1973/74...	2,131	2.16	4,600	2,243	2,776	3,191	2,420	226
(73)1974/75...	2,324	2.54	5,900	2,772	2,494	2,382	2,838	515
(74)1975/76...	1,938	2.49	4,830	2,375	2,612	3,026	2,370	600
(75)1976/77...	1,834	2.76	5,060	2,061	4,639	4,770	3,539	60
(76)1977/78 2)	2,230	2.78	6,200	2,000	4,300	4,400	4,200	60
(77)1978/79 3)	2,500	2.60	6,500	2,000			4,500	60
			GRAIN SORGHUM (APRIL-MARCH)					
AUSTRALIA								
(66)1967/68...	203	1.57	319	297	19	67	22	
(67)1968/69...	187	1.54	288	208	82	34	80	
(68)1969/70...	210	1.40	294	243	73	263	17	34
(69)1970/71...	359	1.52	547	268	517	862	278	35
(70)1971/72...	552	2.35	1,298	222	990	654	1,087	24
(71)1972/73...	638	1.92	1,228	500	712	703	692	60
(72)1973/74...	697	1.46	1,018	299	797	898	633	146
(73)1974/75...	540	1.96	1,061	115	856	901	984	108
(74)1975/76...	511	1.76	901	89	815	915	897	23
(75)1976/77...	504	2.23	1,124	82	828	666	972	93
(76)1977/78 2)	524	1.78	932	326	700	700	610	89
(77)1978/79 3)	475	1.89	900	116			750	123
			BARLEY (DECEMBER-NOVEMBER)					
AUSTRALIA								
(67)1967/68 8)	1,057	0.79	834	776	129	121	1,247	327
(68)1968/69 9)	1,341	1.23	1,646	1,007	451	508	549	450
(69)1969/70 10	1,521	1.12	1,699	976	641	703	684	501
(70)1970/71...	2,000	1.18	2,351	1,132	1,123	1,236	1,231	489
(71)1971/72...	2,535	1.21	3,065	1,422	1,844	1,732	1,770	362
(72)1972/73...	2,140	0.81	1,727	1,183	804	730	676	230
(73)1973/74...	1,894	1.27	2,398	1,249	809	1,056	1,168	211
(74)1974/75...	1,826	1.38	2,515	884	1,749	1,699	1,656	186
(75)1975/76...	2,329	1.36	3,179	857	1,954	2,237	2,231	277
(76)1976/77 2)	2,320	1.23	2,850	930	2,094	1,873	1,880	317
(77)1977/78 3)	2,968	0.77	2,300	915	1,600	1,600	1,500	202
			BARLEY (AUGUST-JULY)					
CANADA								
(67)1967/68...	3,287	1.67	5,505	4,685	1,059	739	838	2,850
(68)1968/69...	3,583	1.98	7,099	5,161	411	457	447	4,341
(69)1969/70...	3,787	2.13	8,084	6,463	1,179	2,014	1,497	4,465
(70)1970/71...	4,004	2.22	8,889	6,351	3,823	3,920	3,862	3,141
(71)1971/72...	5,657	2.32	13,099	7,944	4,174	4,573	4,468	3,828
(72)1972/73...	5,062	2.23	11,285	7,312	3,864	3,321	3,598	4,203
(73)1973/74...	4,839	2.11	10,224	7,306	2,663	2,577	2,583	4,538
(74)1974/75...	4,775	1.84	8,802	6,444	2,668	3,208	2,792	4,104
(75)1975/76...	4,468	2.13	9,520	6,704	4,161	4,306	4,156	2,764
(76)1976/77 2)	4,354	2.41	10,513	6,363	3,785	3,800	3,640	3,274
(77)1977/78 3)	4,646	2.48	11,516	6,550	3,700	3,700	3,700	4,540
			TOTAL OF ABOVE					
TOTAL								
(67)1967/68...	23,902	1.44	34,529	26,315	9,788	9,526	10,369	6,253
(68)1968/69...	26,321	1.44	37,923	29,709	10,732	10,361	8,802	8,203
(69)1969/70...	26,558	1.72	45,558	31,794	10,852	13,447	13,966	8,024
(70)1970/71...	28,558	1.81	51,796	31,403	17,370	18,068	19,997	8,425
(71)1971/72...	29,337	1.78	52,286	37,873	18,483	16,770	15,308	7,535
(72)1972/73...	28,111	1.68	47,219	34,523	13,629	14,240	13,448	6,783
(73)1973/74...	29,852	1.98	59,222	38,015	14,679	17,157	19,623	8,367
(74)1974/75...	28,490	1.85	52,683	36,160	20,325	19,375	17,413	7,561
(75)1975/76...	28,986	1.83	52,985	36,145	19,055	19,681	19,498	4,915
(76)1976/77 2)	29,764	2.03	60,437	38,013	20,517	21,374	21,346	5,993
(77)1977/78 3)	30,502	1.91	58,366	39,181	19,500	18,650	18,250	6,928

1) IMPORTS OF 1 NEEDED TO BALANCE S&D. 2) PRELIMINARY. 3) PROJECTION. 4) IMPORTS OF 503 NEEDED TO BALANCE S&D. 5) IMPORTS OF 9 NEEDED TO BALANCE S&D. 6) IMPORTS OF 2 NEEDED TO BALANCE S&D. 7) IMPORTS OF 3 NEEDED TO BALANCE S&D. 8) IMPORTS OF 16 NEEDED TO BALANCE S&D. 9) IMPORTS OF 33 NEEDED TO BALANCE S&D. 10) IMPORTS OF 12 NEEDED TO BALANCE S&D.

NOTE: YEARS IN PARANTHESES ARE "DESIGNATED PRODUCTION YEARS", USED FOR PURPOSES OF AGGREGATING WORLD CROPS. SEE FOOTNOTE 5 ON PAGE 41 SPLIT YEARS (EG. 1977/78) DENOTE LOCAL MARKETING YEARS.

WHEAT: SUPPLY AND DISAPPEARANCE
CANADA, AUSTRALIA AND ARGENTINA
IN THOUSAND HECTARES/METRIC TONS

	AREA	YIELD	PRODUCTION	DOMESTIC UTILIZATION	EXPORTS 1) JULY-JUNE	EXPORTS 1) MRKT YEAR	END STOCKS 2) MRKT YEAR
			CANADA (MARKETING YEAR AUG/JULY)				
AVERAGE							
1955/56-1959/60	9,187	1.38	12,672	4,329	7,660	7,995	17,141
1960/61-1964/65	10,841	1.35	14,651	4,064	11,034	11,062	13,385
1967/68.....	12,190	1.32	16,137	4,250	8,921	9,145	18,303
1968/69 3).....	11,908	1.49	17,689	4,486	8,710	8,323	23,183
1969/70 3).....	10,102	1.81	18,267	4,568	8,991	9,430	27,452
1970/71 3)	5,052	1.79	9,024	4,650	11,544	11,846	19,980
1971/72.....	7,854	1.83	14,412	4,795	13,723	13,710	15,887
1972/73.....	8,640	1.68	14,514	4,764	15,627	15,692	9,945
1973/74.....	9,575	1.69	16,159	4,601	11,487	11,414	10,089
1974/75.....	8,935	1.49	13,295	4,607	11,186	10,739	8,038
1975/76.....	9,479	1.80	17,078	4,641	12,139	12,251	8,224
1976/77 4).....	11,252	2.10	23,587	5,051	12,900	13,450	13,310
1977/78 5).....	10,111	1.94	19,651	5,610	16,000	16,000	11,351
			AUSTRALIA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,006	1.14	4,572	1,960	2,616	2,803	1,470
1960/61-1964/65	6,396	1.30	8,298	2,124	6,045	6,372	599
1967/68.....	9,082	0.83	7,547	2,672	7,044	5,654	1,737
1968/69.....	10,846	1.36	14,804	2,584	5,380	6,371	7,586
1969/70.....	9,486	1.11	10,546	2,540	7,374	8,047	7,545
1970/71.....	6,479	1.22	7,890	2,625	9,516	9,145	3,665
1971/72.....	7,138	1.21	8,606	2,899	8,670	7,788	1,584
1972/73.....	7,604	0.87	6,590	3,300	5,614	4,309	565
1973/74.....	8,948	1.34	11,987	3,781	5,432	6,789	1,982
1974/75.....	8,308	1.37	11,357	3,025	8,241	8,526	1,788
1975/76.....	8,555	1.40	11,982	2,478	7,871	8,515	2,777
1976/77 4).....	8,943	1.32	11,825	2,790	8,450	9,500	2,312
1977/78 5).....	10,371	0.89	9,200	2,640	9,500	8,100	772
			ARGENTINA (MARKETING YEAR DEC/NOV)				
AVERAGE							
1955/56-1959/60	4,695	1.31	6,151	3,865	2,573	2,477	1,360
1960/61-1964/65	4,720	1.52	7,165	3,647	2,642	3,071	1,415
1967/68 6).....	5,812	1.26	7,320	4,393	1,379	2,199	1,008
1968/69 7).....	5,837	0.98	5,740	3,794	2,742	2,494	850
1969/70.....	5,191	1.35	7,020	4,768	2,082	2,322	780
1970/71.....	3,701	1.33	4,920	4,056	1,625	969	675
1971/72.....	4,315	1.32	5,680	4,356	1,339	1,629	370
1972/73 8).....	4,965	1.39	6,900	4,261	3,352	3,193	269
1973/74.....	3,958	1.66	6,560	4,221	1,106	1,582	1,026
1974/75.....	4,233	1.41	5,970	4,498	2,165	1,784	714
1975/76.....	5,270	1.63	8,570	5,382	3,188	3,160	742
1976/77 4).....	6,428	1.71	11,000	4,742	5,650	6,000	1,000
1977/78 5).....	4,185	1.43	6,000	4,350	2,700	2,000	650
			TOTAL ABOVE THREE COUNTRIES				
AVERAGE							
1955/56-1959/60	17,888	1.31	23,395	10,154	13,051	13,275	19,971
1960/61-1964/65	21,957	1.37	30,114	9,835	19,721	20,505	15,399
1967/68.....	27,084	1.14	31,004	11,315	17,344	16,998	21,048
1968/69.....	28,591	1.34	38,233	10,864	16,832	17,188	31,619
1969/70.....	24,779	1.45	35,833	11,876	18,447	19,799	35,777
1970/71.....	15,232	1.43	21,834	11,331	23,791	21,960	24,320
1971/72.....	19,307	1.49	28,698	12,050	25,834	23,129	17,841
1972/73.....	21,209	1.32	28,004	12,325	24,593	23,194	10,779
1973/74.....	22,481	1.54	34,706	12,603	18,025	19,785	13,097
1974/75.....	21,476	1.43	30,622	12,130	21,592	21,049	10,540
1975/76.....	23,304	1.61	37,630	12,501	23,198	23,926	11,743
1976/77 4).....	26,623	1.74	46,412	12,583	27,000	28,950	16,622
1977/78 5).....	24,667	1.41	34,851	12,600	28,200	26,100	12,773

1) INCLUDES THE WHEAT EQUIVALENT OF FLOUR.
2) NET CHANGES IN FARM STOCKS FOR AUSTRALIA AND ARGENTINA ARE REFLECTED IN DOMESTIC DISAPPEARANCE.
3) IMPORTS OF 1 NEEDED TO BALANCE S&D.
4) PRELIMINARY.
5) PROJECTION.
6) IMPORTS OF 35 NEEDED TO BALANCE S&D.
7) IMPORTS OF 390 NEEDED TO BALANCE S&D.
8) IMPORTS OF 453 NEEDED TO BALANCE S&D.

SELECTED WORLD GRAIN PRICES, CIF ROTTERDAM 1/
(In U.S. dollars per metric ton)

	WHEAT			CORN	SORGHUM
	U.S. No. 2 Dark Northern Spring 14%	U.S. No. 2 Hard Winter 13½%	2/ Canadian Western Red Spring 13½%	U.S. No. 3 Yellow Corn	U.S. No. 2 Yellow Sorghum
1970/71 (July-June)	73.71	71.19	74.13	69.07	68.20
1971/72 (July-June)	69.74	66.69	72.42	57.01	60.80
1972/73 (July-June)	100.14	92.50	101.97	77.12	78.64
1973/74 (July-June)	202.95	200.35	214.40	132.90	127.20
1974/75 (July-June)	204.26	189.05	209.65	143.18	135.53
1975/76 (July-June)	187.15	177.70	195.12	128.80	122.50
1976/77 (July-June)	141.17	137.02	143.71	118.90	108.52
1974					
January	239.65	229.65	239.20	136.20	133.00
February	240.50	231.85	243.90	142.90	136.80
March	227.85	224.50	240.15	146.45	137.00
April	182.30	183.35	214.30	131.90	124.90
May	180.50	170.50	185.45	129.50	116.10
June	209.15	177.10	204.10	133.05	117.00
July	213.85	190.70	216.25	139.75	123.60
August	217.40	194.00	215.80	139.05	138.00
September	214.25	203.55	213.05	152.75	142.20
October	232.60	229.65	233.95	163.40	161.00
November	233.20	228.90	236.80	164.55	163.00
December	227.80	219.35	231.85	159.60	159.70
1975					
January	203.90	194.75	208.75	143.30	135.50
February	192.04	180.20	198.16	137.13	127.30
March	178.70	175.85	181.90	135.25	124.50
April	181.77	159.25	192.10	130.34	127.11
May	180.83	145.85	192.58	123.49	116.39
June	174.76	146.50	195.00	129.60	108.08
July	185.35	174.35	205.05	140.90	118.20
August	195.95	187.65	210.20	147.45	134.90
September	203.90	195.10	228.20	138.20	132.30
October	193.20	185.00	219.35	132.35	128.75
November	182.50	172.65	NA	121.68	122.05
December	187.45	166.50	NA	118.65	119.55
1976					
January	183.45	168.30	NA	118.54	118.50
February	194.90	183.10	NA	121.30	119.90
March	194.35	182.85	174.50 3/	122.05	120.25
April	174.35	175.55	166.32 3/	122.24	115.18
May	177.80	169.05	168.85 3/	129.35	119.60
June	181.30	172.20	188.50 3/	133.00	120.90
July	176.46	175.70	174.55 3/	133.80	121.05
August	158.15	159.45	158.10	128.10	117.30
September	148.40	149.50	155.00	132.25	119.55
October	138.25	138.90	145.00	119.95	113.45
November	137.30	130.84	140.70	108.80	105.90
December	139.00	131.80	136.77	111.10	107.70
1977					
January	145.50	134.85	143.60	123.00	111.20
February	147.75	133.30	146.00	123.90	112.35
March	134.30	131.80	135.40	117.15	104.80
April	130.15	130.00	133.10	115.45	100.10
May	126.71	120.85	133.54	116.42	96.50
June	114.82	113.79	126.89	102.70	91.92
July	111.20	116.15	121.48	95.75	89.20
August	109.80	115.85	116.85	87.20	87.00
September	121.35	120.40	129.15	87.95	86.85
October	126.35	126.00	137.25	91.20	90.85
November	131.40	129.10	141.10	104.25	103.45
November 1	128.00	124.00	138.50	97.75	96.00
8	131.00	127.00	141.00	102.25	103.25
15	132.50	129.00	142.50	104.50	104.00
22	134.00	133.00	143.50	107.50	109.00
29	131.50	132.50	140.00	109.25	105.00
December 6	128.75	132.25	140.00	106.50	104.00
13	134.00	130.25	142.50	107.00	102.50

1/ Hamburg Mercantile Exchange prices for Rotterdam. Averages: basis daily market quotes. 30 days delivery.
2/ Prior to September 1971 prices for No. 2 Manitoba Northern.
3/ Canadian No. 2 CWRS - 12.5 percent protein.
Note: November and December Rotterdam Prices are those of the specified date as reported by the U.S. Agricultural Attache, the Hague

WESTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC FOR FEED	UTILIZATION TOTAL	STOCKS CHANGE
TOTAL GRAINS 2)									
1969/70	41.4	2.86	118.4	28.1	11.1	17.0	86.3	140.8	-5.4
1970/71	41.4	2.78	115.0	35.3	7.9	27.4	87.7	143.0	-0.6
1971/72	41.5	3.20	132.8	28.4	9.7	18.7	90.3	148.1	3.4
1972/73	41.4	3.21	132.9	30.1	11.9	18.2	94.4	152.3	-1.2
1973/74	41.0	3.29	134.8	48.1	26.2	21.8	96.0	154.4	2.3
1974/75	41.4	3.43	141.8	32.8	12.7	20.0	96.4	156.3	5.5
1975/76	40.6	3.20	130.0	31.2	14.5	16.7	93.5	153.6	-6.8
1976/77 3)	40.7	3.04	124.0	38.6	8.7	29.9	94.7	155.9	-2.0
1977/78 4)	39.8	3.39	135.1	32.9	10.7	22.3	95.8	156.3	1.1
WHEAT									
1969/70	17.4	2.60	45.2	8.6	7.0	1.6	13.7	51.2	-4.4
1970/71	17.1	2.56	43.8	11.1	3.8	7.3	14.3	51.7	-0.6
1971/72	17.1	3.00	51.3	8.0	4.5	3.5	13.9	51.6	3.2
1972/73	16.8	3.05	51.3	8.1	6.8	1.3	16.1	53.2	-0.6
1973/74	16.2	3.14	50.8	6.4	5.8	0.6	12.6	49.4	2.0
1974/75	16.7	3.39	56.7	6.1	8.2	-2.1	13.4	51.5	3.1
1975/76	15.4	3.15	48.5	6.4	9.5	-3.1	10.1	48.3	-2.9
1976/77 3)	16.5	3.10	51.1	4.6	5.8	-1.2	11.5	50.5	-0.6
1977/78 4)	15.0	3.20	47.9	7.2	6.4	0.8	11.3	49.7	-1.1
COARSE GRAINS									
1969/70	24.0	3.05	73.2	19.5	4.1	15.4	72.6	89.6	-1.0
1970/71	24.3	2.93	71.2	24.2	4.1	20.1	73.4	91.3	0.0
1971/72	24.4	3.34	81.5	20.4	5.2	15.2	76.4	96.5	0.2
1972/73	24.6	3.32	81.6	22.0	5.1	16.9	78.3	99.1	-0.6
1973/74	24.8	3.39	84.1	26.8	5.5	21.3	83.4	105.0	0.3
1974/75	24.7	3.45	85.1	26.7	4.5	22.1	83.0	104.8	2.4
1975/76	25.2	3.23	81.5	24.8	4.9	19.8	83.4	105.3	-3.9
1976/77 3)	24.3	3.00	72.9	34.0	2.9	31.1	83.2	105.4	-1.4
1977/78 4)	24.8	3.52	87.3	25.7	4.2	21.5	84.5	106.6	2.1

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EUROPEAN COMMUNITY: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS 1)	EXPORTS 1)	IMPORTS NET 1)	DOMESTIC FOR FEED	UTILIZATION TOTAL	STOCKS CHANGE
TOTAL GRAINS 2)									
1969/70	26.9	3.42	92.1	22.0	9.7	12.3	66.8	109.2	-4.8
1970/71	26.9	3.27	88.0	28.7	6.7	22.0	67.3	110.1	-0.1
1971/72	26.9	3.74	100.5	22.2	8.2	14.0	67.8	113.1	1.4
1972/73	26.9	3.84	103.3	22.9	10.1	12.8	71.1	116.6	-0.5
1973/74	26.7	3.97	105.8	23.2	10.5	12.7	71.3	117.2	1.3
1974/75	26.7	4.05	108.2	23.2	10.7	12.5	69.5	116.1	4.5
1975/76	26.3	3.70	97.3	22.5	12.8	9.7	67.2	113.4	-6.3
1976/77 3)	26.2	3.47	91.0	28.7	6.8	21.9	66.7	114.1	-1.3
1977/78 4)	25.9	4.00	103.5	21.8	9.4	12.5	67.0	114.2	1.7
WHEAT									
1969/70	11.1	3.22	35.7	7.1	6.0	1.1	12.1	40.8	-4.0
1970/71	10.9	3.18	34.7	9.5	3.4	6.1	12.4	40.8	0.0
1971/72	11.1	3.61	40.1	6.8	4.1	2.7	11.9	41.0	1.8
1972/73	11.1	3.74	41.5	7.0	6.0	1.0	14.3	42.8	-0.3
1973/74	10.8	3.82	41.4	4.9	5.2	-0.3	11.5	40.0	1.1
1974/75	11.2	4.04	45.4	4.9	6.8	-1.9	11.9	40.7	2.8
1975/76	10.5	3.64	38.1	5.4	8.4	-3.0	9.1	38.0	-2.9
1976/77 3)	11.2	3.52	39.5	3.5	4.5	-0.9	10.0	39.7	-1.1
1977/78 4)	10.1	3.81	38.6	5.7	5.5	0.3	10.2	39.3	-0.5
COARSE GRAINS									
1969/70	15.8	3.57	56.4	14.9	3.7	11.2	54.7	68.4	-0.8
1970/71	16.0	3.33	53.3	19.2	3.3	15.9	54.9	69.3	-0.1
1971/72	15.8	3.82	60.4	15.4	4.1	11.3	55.9	72.1	-0.4
1972/73	15.8	3.91	61.8	15.9	4.1	11.8	56.8	73.8	-0.2
1973/74	15.9	4.06	64.4	18.3	5.3	13.0	59.8	77.2	0.1
1974/75	15.5	4.05	62.8	18.3	3.9	14.4	57.6	75.5	1.7
1975/76	15.8	3.74	59.2	17.1	4.4	12.7	58.0	75.4	-3.5
1976/77 3)	15.0	3.44	51.4	25.1	2.3	22.9	56.6	74.4	-0.2
1977/78 4)	15.7	4.13	64.9	16.1	3.9	12.2	56.8	74.9	2.2

1) EXCLUDES INTRA EC-9 TRADE.
2) WHEAT, RYE, BARLEY, OATS, CORN, SORGHUM, AND MIXED GRAINS;
(TRADE EXCLUDES PRODUCTS OTHER THAN WHEAT FLOUR; FLOUR CONVERTED TO GRAIN EQUIVALENT)
3) PRELIMINARY.
4) PROJECTION.

EASTERN EUROPE: GRAINS S&D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	TOTAL UTILIZATION 1)	STOCKS CHANGE 2)
TOTAL GRAINS								
1969/70	31.0	2.45	75.8	7.6	2.7	4.9	79.7	1.0
1970/71	29.4	2.27	66.7	10.3	2.4	7.9	76.3	-1.7
1971/72	30.3	2.71	82.0	10.3	1.5	8.8	91.1	-0.3
1972/73	30.4	2.87	87.4	9.8	2.4	7.4	95.0	-0.2
1973/74	29.6	2.95	87.2	9.4	4.5	4.9	91.8	0.3
1974/75	29.4	3.10	91.3	11.1	2.9	8.2	98.5	1.0
1975/76	29.6	2.97	87.9	12.3	4.2	8.1	96.7	-0.7
1976/77 3)	29.6	3.18	93.9	15.4	3.0	12.4	104.4	1.9
1977/78 4)	29.6	3.19	94.5	14.5	4.3	10.2	105.0	-0.3
WHEAT								
1969/70	10.9	2.34	25.5	4.7	1.3	3.4	28.5	0.4
1970/71	10.2	2.25	23.0	6.7	0.9	5.8	29.2	-0.4
1971/72	10.7	2.82	30.2	5.2	0.9	4.3	35.2	-0.7
1972/73	10.8	2.84	30.7	4.6	0.9	3.7	34.6	-0.2
1973/74	10.3	3.05	31.5	5.6	2.0	3.7	35.1	0.1
1974/75	10.6	3.22	34.0	4.7	1.7	3.0	35.9	1.2
1975/76	9.9	2.86	28.5	5.5	1.3	4.3	34.3	-1.6
1976/77 3)	10.3	3.35	34.5	7.0	1.8	5.2	38.8	0.9
1977/78 4)	10.1	3.43	34.5	5.4	1.9	3.6	38.2	-0.1
COARSE GRAINS								
1969/70	20.1	2.50	50.3	2.9	1.4	1.5	51.2	0.6
1970/71	19.2	2.28	43.7	3.6	1.5	2.1	47.1	-1.3
1971/72	19.6	2.64	51.8	5.1	0.6	4.5	55.9	0.4
1972/73	19.6	2.89	56.7	5.2	1.5	3.7	60.4	0.0
1973/74	19.2	2.90	55.7	3.8	2.5	1.3	56.8	0.3
1974/75	18.9	3.04	57.3	6.4	1.2	5.2	62.6	-0.2
1975/76	19.7	3.02	59.4	6.8	2.9	3.9	62.4	0.9
1976/77 3)	19.3	3.08	59.4	8.3	1.1	7.2	65.6	1.0
1977/78 4)	19.6	3.07	60.0	9.1	2.5	6.6	66.8	-0.2

1) UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS FOR THOSE COUNTRIES FOR WHICH NO STOCKS DATA ARE AVAILABLE.
2) INCLUDES YEAR-TO-YEAR FLUCTUATIONS ONLY FOR THOSE COUNTRIES/COMMODITIES FOR WHICH STOCK DATA ARE AVAILABLE.
3) PRELIMINARY.
4) PROJECTION.

USSR: GRAINS S & D
YEARS BEGINNING JULY 1
MILLIONS OF HECTARES/METRIC TONS

	AREA HARVESTED	YIELD	PRODUCTION 1)	IMPORTS	EXPORTS	NET IMPORTS	TOTAL USAGE 1)	STOCKS CHANGE
WHEAT								
1971/72	64.0	1.5	98.8	3.5	5.8	-2.3	93.5	3.0
1972/73	58.5	1.5	86.0	15.6	1.3	14.3	98.3	2.0
1973/74	63.0	1.7	109.8	4.5	5.0	-0.5	95.3	14.0
1974/75	59.7	1.4	83.9	2.5	4.0	-1.5	93.4	-11.0
1975/76	62.0	1.1	66.2	10.1	0.5	9.6	87.8	-12.0
1976/77	59.5	1.6	96.9	4.5	1.0	3.5	88.4	12.0
1977/78 PROJ	62.0	1.5	90.0	8.0	2.0	6.0	99.0	-3.0
COARSE GRAINS 2)								
1971/72	46.4	1.6	72.6	4.4	0.9	3.5	76.0	0.0
1972/73	53.5	1.4	72.5	6.9	0.4	6.6	79.1	0.0
1973/74	55.2	1.8	101.0	6.5	0.9	5.6	105.5	1.0
1974/75	59.4	1.7	99.7	2.7	1.0	1.7	99.5	2.0
1975/76	58.1	1.1	65.8	15.5	0.0	15.5	82.4	-1.0
1976/77	60.8	1.9	115.0	5.5	2.0	3.5	114.5	4.0
1977/78 PROJ	60.0	1.5	90.0	11.0	0.0	11.0	106.0	-5.0
TOTAL WHEAT & COARSE GRAINS								
1971/72	110.5	1.6	171.4	7.9	6.7	1.2	169.5	3.0
1972/73	112.0	1.4	158.5	22.5	1.7	20.9	177.4	2.0
1973/74	118.2	1.8	210.7	11.0	5.9	5.1	200.8	15.0
1974/75	119.1	1.5	183.7	5.2	5.0	0.2	192.9	-9.0
1975/76	120.1	1.1	132.0	25.6	0.5	25.1	170.2	-13.0
1976/77	120.3	1.8	211.9	10.0	3.0	7.0	202.9	16.0
1977/78 PROJ	122.0	1.5	180.0	19.0	2.0	17.0	205.0	-8.0
TOTAL GRAIN 3)								
1971/72	117.9	1.5	181.2	8.3	6.9	1.4	179.6	3.0
1972/73	120.2	1.4	168.2	22.8	1.8	21.0	187.2	2.0
1973/74	126.7	1.8	222.5	11.3	6.1	5.2	212.7	15.0
1974/75	127.2	1.5	195.7	5.7	5.1	0.6	205.3	-9.0
1975/76	127.9	1.1	140.1	26.1	0.6	25.5	174.6	-9.0
1976/77	127.7	1.8	223.8	10.0	3.0	7.0	214.8	16.0
1977/78 PROJ	129.5	1.5	195.4	19.0	2.0	17.0	220.4	-8.0

1) "BUNKER WEIGHT" BASIS; NOT DISCOUNTED FOR EXCESS MOISTURE AND FOREIGN MATERIAL.
2) INCLUDES RYE, BARLEY, OATS, CORN, SORGHUM, AND MILLET.
3) INCLUDES WHEAT, COARSE GRAINS, RICE, AND MISCELLANEOUS GRAINS AND PULSES.

U.S.: TOTAL GRAINS
SUPPLY/DISTRIBUTION

	BEGINNING STOCKS	HARVESTED AREA	YIELD	PRODUCTION	IMPORTS	EXPORTS	FEED USAGE	TOTAL UTILIZATION
	MILLION METRIC TONS/MILLION HECTARES							
TOTAL GRAINS								
1961/62	115.7	64.2	2.5	161.0	0.6	35.4	112.2	140.2
1962/63	101.7	59.7	2.7	159.3	0.3	33.2	108.5	136.9
1963/64	91.2	61.5	2.8	171.5	0.4	40.6	106.0	135.0
1964/65	87.5	60.1	2.6	157.4	0.3	39.4	104.6	133.6
1965/66	76.5	59.5	3.0	180.0	0.3	49.6	119.6	149.0
1966/67	58.2	60.3	3.0	180.4	0.3	41.4	118.3	148.0
1967/68	49.5	65.0	3.1	203.8	0.2	42.2	118.5	148.7
1968/69	62.6	62.1	3.2	197.7	0.2	31.5	127.1	157.2
1969/70	71.8	57.9	3.5	201.0	0.4	35.4	134.7	164.8
1970/71	73.0	58.3	3.1	183.0	0.3	39.1	131.8	162.6
1971/72	54.6	63.0	3.7	233.6	0.3	41.1	143.0	174.0
1972/73	73.4	57.4	3.9	223.9	0.4	70.2	147.4	179.9
1973/74	48.0	62.8	3.7	233.3	0.3	74.2	143.6	176.3
1974/75	31.1	67.2	3.0	199.4	0.6	63.6	107.1	140.2
1975/76	27.3	70.7	3.4	242.2	0.5	82.0	117.4	152.5
1976/77	35.5	72.3	3.5	251.0	0.4	76.5	114.5	150.2
1977/78	60.2	70.3	3.7	257.8	0.3	81.6	125.2	161.1
1978/79	74.6							
WHEAT								
1971/72	22.4	19.3	2.3	44.1	0.0	16.6	7.1	23.1
1972/73	26.8	19.1	2.2	42.0	0.0	30.8	5.5	21.7
1973/74	16.2	21.9	2.1	46.6	0.1	33.1	3.8	20.5
1974/75	9.3	26.5	1.8	48.5	0.1	27.7	1.6	18.3
1975/76	11.8	28.1	2.1	57.8	0.1	31.9	1.9	19.6
1976/77	18.1	28.7	2.0	58.3	0.1	25.9	2.9	20.4
1977/78	30.2	26.8	2.1	55.1	0.1	29.9	6.0	23.1
1978/79	32.2							
COARSE GRAINS								
1971/72	32.2	43.7	4.3	189.5	0.3	24.5	135.9	150.9
1972/73	46.6	38.3	4.7	181.9	0.4	39.4	141.9	157.9
1973/74	31.7	41.5	4.5	186.8	0.2	41.1	139.8	155.8
1974/75	21.8	40.8	3.7	150.9	0.5	35.9	105.5	121.9
1975/76	15.4	42.6	4.3	184.4	0.4	50.0	115.5	132.9
1976/77	17.4	43.7	4.4	192.7	0.3	50.6	111.6	129.9
1977/78	29.9	43.5	4.7	202.6	0.3	51.6	119.2	138.0
1978/79	42.5							
	MILLION BUSHELS/MILLION ACRES							
WHEAT								
1973/74	597	54.1	31.6	1711	3	1217	139	754
1974/75	340	65.4	27.2	1782	3	1018	58	672
1975/76	435	69.4	30.6	2122	2	1173	68	722
1976/77	664	70.8	30.3	2142	3	950	107	748
1977/78	1111	66.2	30.6	2026	2	1100	220	850
1978/79	1182							
CORN								
1973/74	709	62.1	91.3	5671	1	1243	4217	4655
1974/75	483	65.4	71.9	4701	2	1149	3228	3678
1975/76	359	67.2	86.3	5797	2	1711	3558	4049
1976/77	398	71.1	87.4	6216	3	1684	3539	4054
1977/78	879	69.6	91.9	6397	1	1750	3775	4305
1978/79	1192							
SORGHUM								
1973/74	73	15.7	58.8	923	0	234	695	701
1974/75	61	13.8	45.1	623	0	212	431	437
1975/76	35	15.5	49.0	760	0	229	508	514
1976/77	52	14.9	48.6	724	0	246	433	439
1977/78	91	14.1	55.2	779	0	225	475	481
1978/79	164							
BARLEY								
1973/74	192	10.3	40.5	417	9	93	234	379
1974/75	146	7.9	37.8	299	20	42	182	331
1975/76	92	8.5	44.0	374	16	24	182	329
1976/77	129	8.3	44.8	372	11	66	163	320
1977/78	126	9.5	43.8	416	10	60	150	314
1978/79	178							
OATS								
1973/74	461	13.8	47.8	659	0	57	669	755
1974/75	308	12.6	47.7	601	0	19	582	666
1975/76	224	13.1	49.0	642	1	14	558	645
1976/77	208	11.9	45.9	546	1	10	487	577
1977/78	168	13.4	55.8	748	1	10	540	630
1978/79	277							
RYE								
1973/74	39	1.0	25.0	25	0	28	9	22
1974/75	14	0.8	22.5	18	0	6	7	19
1975/76	7	0.7	22.9	16	1	1	7	18
1976/77	5	0.7	21.4	15	0	0	5	16
1977/78	5	0.7	24.3	17	0	0	6	17
1978/79	5							

NOTES: TOTAL GRAINS INCLUDE WHEAT, CORN, SORGHUM, BARLEY, OATS AND RYE.
COMMODITY YEARS AS FOLLOWS: JUNE/MAY - WHEAT, BARLEY, OATS AND RYE.
OCTOBER/SEPTEMBER - CORN AND SORGHUM.
DOES NOT INCLUDE CANADIAN TRANSSHIPMENTS; INCLUDES MAJOR PRODUCTS

U.S. RICE
SUPPLY/DISTRIBUTION
August/July Marketing Year

	Area Harvested	Yield	Rough Production	Beginning Stocks	Milled Production	Imports	Exports	Total Utilization 1/
	Thousand Metric Tons/Thousand Hectares							
1960/61	645	3.84	2477	395	1756	9	919	911
1961/62	643	3.82	2459	330	1763	13	939	997
1962/63	718	4.17	2996	173	2133	1	1119	937
1963/64	717	4.45	3188	251	2295	1	1385	917
1964/65	723	4.59	3318	245	2386	15	1387	1008
1965/66	725	4.77	3460	251	2497	22	1418	1081
1966/67	796	4.84	3856	271	2805	-	1719	1079
1967/68	797	5.09	4054	278	2950	-	1887	1119
1968/69	952	4.96	4723	222	3459	-	1819	1330
1969/70	861	4.84	4169	532	3003	7	1791	1215
1970/71	734	5.18	3801	536	2796	48	1474	1295
1971/72	736	5.28	3890	611	2838	36	1808	1305
1972/73	736	5.26	3875	372	2828	17	1733	1317
1973/74	878	4.79	4208	167	3034	7	1607	1346
1974/75	1024	4.97	5098	255	3667	-	2207	1483
1975/76	1140	5.12	5826	232	4091	-	1744	1404
1976/77	1004	5.24	5246	1175	3777	-	2105	1548
1977/78	910	5.10	4501	1299	3241	-	2220	1489
1978/79				831				
	Million Hundredweight/Million Acres							
1971/72	1.8	47.67	85.8	18.6	1.1		56.9	37.2
1972/73	1.8	47.44	85.4	11.4	.5		54.0	38.2
1973/74	2.2	42.18	92.8	5.1	.2		49.7	40.6
1974/75	2.5	44.96	112.4	7.8	-		69.5	43.6
1975/76	2.8	45.71	128.4	7.1	-		56.5	42.1
1976/77	2.5	46.79	115.6	36.9	-		64.5	48.3
1977/78	2.2	45.52	99.2	39.7	-		68.0	45.3
1978/79				25.6				

1/ Includes statistical discrepancy in Supply/Use Report.
SOURCE: Agricultural Supply Demand Estimate Report.

WORLD WHEAT S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1966/67	214.6	1.44	54.2	308.7	58.1	281.9
1967/68	219.3	1.36	81.0	297.3	53.5	289.8
1968/69	224.2	1.47	88.4	328.6	49.8	304.6
1969/70	217.9	1.42	112.4	309.9	55.2	326.9
1970/71	206.9	1.53	95.4	315.7	53.4	339.1
1971/72	212.8	1.64	72.0	348.2	55.6	341.4
1972/73	210.8	1.63	78.8	343.3	70.8	361.2
1973/74	216.5	1.72	61.0	371.6	72.6	363.5
1974/75	220.4	1.62	69.3	356.0	68.0	362.5
1975/76	225.6	1.55	62.6	348.9	73.1	351.6
1976/77 4)	232.4	1.78	59.9	413.4	70.0	375.7
1977/78 5)	227.6	1.67	97.6	379.6	80.3	394.0
1978/79 5)			83.2			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS ARE NOT AVAILABLE (EXCLUDING THE USSR), UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD COARSEGRAIN S & D
MARKETING YEAS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1966/67	329.8	1.57	67.1	517.7	43.0	516.8
1967/68	334.9	1.62	68.1	541.4	44.6	532.5
1968/69	334.9	1.63	77.0	545.7	39.8	541.7
1969/70	338.4	1.69	81.0	570.9	47.1	570.2
1970/71	339.6	1.68	81.7	569.1	53.3	585.7
1971/72	340.9	1.82	65.1	621.9	55.5	608.6
1972/73	338.0	1.78	78.4	602.7	69.0	620.5
1973/74	351.3	1.88	60.6	660.9	80.9	665.3
1974/75	348.6	1.78	56.2	620.8	69.5	624.5
1975/76	354.7	1.79	54.8	634.4	88.5	634.6
1976/77 4)	357.1	1.94	54.7	692.3	88.5	672.5
1977/78 5)	357.2	1.92	75.1	684.1	85.1	677.0
1978/79 5)			82.2			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS ARE NOT AVAILABLE (EXCLUDING THE USSR), UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD WHEAT & COARSEGRAIN S & D
MARKETING YEARS 1966/67 -1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION
1966/67	544.4	1.52	121.3	826.4	101.1	798.7
1967/68	554.2	1.51	149.1	838.7	98.1	822.3
1968/69	559.1	1.56	165.4	874.3	89.6	846.3
1969/70	556.3	1.58	193.4	880.8	102.3	897.1
1970/71	546.5	1.62	177.1	884.8	106.7	924.8
1971/72	553.7	1.75	137.1	970.1	111.1	950.0
1972/73	548.8	1.72	157.2	946.0	139.8	981.7
1973/74	567.8	1.82	121.6	1032.5	153.5	1028.8
1974/75	569.0	1.72	125.4	976.9	137.5	987.0
1975/76	580.4	1.69	117.4	983.4	161.6	986.2
1976/77 4)	589.4	1.88	114.6	1105.7	158.4	1048.1
1977/78 5)	584.8	1.82	172.7	1063.7	165.4	1071.0
1978/79 5)			165.4			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED FOR ESTIMATED YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE (EXCLUDING THE USSR), UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.

WORLD RICE S & D 1)
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD 2)	PRODUCTION* ROUGH	PRODUCTION MILLED	BEGINNING 3) STOCKS	TOTAL 4) EXPORTS	TOTAL 5) UTILIZATION*
1966/67	125.3	2.12	265.1	179.4	11.0	7.4	180.5
1967/68	127.1	2.25	286.5	193.8	9.6	6.9	190.1
1968/69	128.3	2.25	289.0	195.4	12.7	6.8	191.9
1969/70	131.6	2.29	301.2	203.5	16.2	7.4	200.5
1970/71	131.2	2.38	311.8	210.7	18.8	8.0	210.7
1971/72	132.0	2.41	317.7	214.6	18.7	8.1	216.8
1972/73	131.5	2.34	308.2	208.2	16.0	8.1	212.7
1973/74	135.8	2.44	330.9	223.5	10.7	7.7	221.8
1974/75	138.1	2.45	337.7	227.9	12.1	7.4	223.4
1975/76	143.0	2.52	360.3	243.0	12.3	8.0	237.9
1976/77 6)	141.8	2.46	348.2	234.9	17.5	8.5	237.7
1977/78 7)	143.5	2.53	362.3	244.3	14.7	9.2	239.8
1978/79 7)					19.1		

1) PRODUCTION IS EXPRESSED ON BOTH ROUGH AND MILLED BASIS; STOCKS, EXPORTS AND UTILIZATION ARE EXPRESS ON MILLED BASIS.
2) BASED ON ROUGH PRODUCTION.
3) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLS STOCK LEVELS AT A FIXED POINT IN TIME. COMPARARABLE DATA NOT AVAILABLE FOR YEARS PRIOR TO 1966/67.
4) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
5) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
6) PRELIMINARY.
7) PROJECTION.
* REFLECTS STATISTICAL REVISION FOR PEOPLE'S REPUBLIC OF CHINA RICE SERIES.

WORLD TOTAL GRAINS S & D
MARKETING YEARS 1966/67-1977/78
(MILLION METRIC TONS/HECTARES)

	AREA HARVESTED	YIELD	BEGINNING STOCKS 1)	PRODUCTION*	TOTAL 2) EXPORTS	TOTAL 3) UTILIZATION*
1966/67	669.7	1.63	131.5	1004.3	108.5	978.2
1967/68	681.2	1.65	157.7	1031.2	105.0	1011.5
1968/69	687.4	1.69	177.3	1069.7	96.4	1038.5
1969/70	688.3	1.72	208.5	1083.4	109.8	1097.1
1970/71	677.8	1.76	194.8	1093.7	114.6	1132.8
1971/72	685.3	1.87	155.7	1182.0	119.2	1164.6
1972/73	678.8	1.84	173.1	1150.1	148.0	1191.5
1973/74	702.6	1.93	131.8	1251.5	161.2	1245.5
1974/75	706.3	1.85	137.9	1199.8	145.0	1210.4
1975/76	723.4	1.86	129.7	1226.4	169.5	1224.1
1976/77 4)	731.2	1.99	132.1	1340.6	167.0	1285.9
1977/78 5)	728.3	1.96	187.4	1308.1	174.6	1310.9
1978/79 5)			184.5			

1) STOCKS DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND SHOULD NOT BE CONSTRUED AS REPRESENTING WORLD STOCK LEVELS AT A FIXED POINT IN TIME. STOCKS DATA ARE NOT AVAILABLE FOR ALL COUNTRIES AND EXCLUDE THOSE SUCH AS THE PEOPLE S REPUBLIC OF CHINA AND PARTS OF EASTERN EUROPE; THE WORLD STOCK LEVELS HAVE BEEN ADJUSTED TO INCLUDE YEAR-TO-YEAR CHANGES IN USSR GRAIN STOCKS, BUT DO NOT PURPORT TO INCLUDE THE ENTIRE ABSOLUTE LEVEL OF USSR STOCKS. RICE STOCKS PRIOR TO 1966/67 ARE NOT AVAILABLE.
2) TRADE DATA ARE BASED ON AN AGGREGATE OF DIFFERING LOCAL MARKETING YEARS AND WILL THEREFORE DIFFER FROM JULY-JUNE AND CALENDAR YEAR TRADE DATA APPEARING ELSEWHERE IN THIS REPORT.
3) FOR COUNTRIES FOR WHICH STOCKS DATA ARE NOT AVAILABLE, UTILIZATION ESTIMATES REPRESENT "APPARENT" UTILIZATION, I.E., THEY ARE INCLUSIVE OF ANNUAL STOCK LEVEL ADJUSTMENTS.
4) PRELIMINARY.
5) PROJECTION.
* REFLECTS STATISTICAL REVISION FOR PEOPLE'S REPUBLIC OF CHINA RICE SERIES.

NOTE: INCLUDES WHEAT, COARSE GRAINS, AND RICE. YIELD IS CALCULATED ON ROUGH (PADDY) BASIS. PRODUCTION, TRADE, AND UTILIZATION ARE EXPRESSED ON MILLED BASIS FOR RICE.

FOOTNOTES TO WORLD GRAIN SUMMARY TABLES
(TABLES ON PAGE 2, 4, and 5)

1) Wheat, wheat flour, corn, barley, oats, sorghum, and rye excluding products.

2) Argentina, Australia, Canada, Brazil, South Africa, and Thailand. Trade figures exclude South African wheat. Production figures exclude Brazilian and South African wheat.

3) Adjusted for transshipments through Canadian ports: Excludes products other than flour.

4) Wheat, rye, corn, barley, oats sorghum, millet, and mixed grains.

5) Production data include all harvests occurring within the July-June year indicated, except that small grain crops from the early harvesting Northern Hemisphere areas are "moved forward;" i.e., the May 1977 harvests in areas such as India, North Africa, and southern United States are actually included in "1977/78" accounting period which begins July 1, 1977.

6) "Bunker weight" basis; not discounted for excess moisture and foreign material.

7) Utilization data are based on an aggregate of differing local marketing years. For countries for which stocks data are not available (excluding the USSR) utilization estimates represent "apparent" utilization, i.e., they are inclusive of annual stock level adjustments.

8) Stocks data are based on aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as the People's Republic of China, and parts of Eastern Europe: The world stock levels have been adjusted for estimated year-to-year changes in the USSR grain stocks, but do not purport to include the entire absolute level of USSR stocks.

9) Inclusive of Soviet stock changes: See footnote 8.

10) Corn, barley, oats, sorghum, and rye, excluding products.

11) Corn, barley, oats, rye, sorghum, millet, and mixed grains.

Note: Projections included for the U.S. in all the tables are the levels agreed to in the latest agricultural supply-demand estimates report.

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